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# CIVIL AIR PATROL NEWS

E 6, NO. 5

MAXWELL AFB, ALA. 36112

MAY, 1974

## Special Supplement

This issue of your Civil Air Patrol NEWS contains a special recruiting "pull-out" supplement on CAP's Third Mission — Aerospace Education.

Give the supplement to someone who you consider a prospective member. Let him or her study it. Then be prepared to discuss the entire Civil Air Patrol program including your unit's activities.

Remember the motto "every member — recruit a member." Do it PERSONALLY!!!

## CAP Supply Bill Awaiting Action

MAXWELL AFB, Ala. — The proposed amendment to the Civil Air Patrol Supply Bill (10 USC 9441) was assigned Bill Number HR 13884 on April 2 and is presently awaiting action in the House Armed Services Committee.

The amendment became necessary in part because of the significant reduction during the last two years in usable Department of Defense (DOD) excess which CAP is authorized to procure and also to affect the increased cost to CAP members.

Passage of the CAP Supply Bill will expand the base from which CAP is allowed to obtain support and will help ease the heavy financial burden placed on this volunteer organization.

If approved, the amendment will:

- \* Authorize CAP to obtain property from the Air Force that is excess to

any other federal department or agency, including government owned property in the hands of contractors. The current law authorizes CAP to acquire property that is excess only to military departments.

- \* Authorize the Air Force to provide uniforms for Civil Air Patrol cadets under procedures similar to those in effect for Air Force ROTC programs.

- \* Authorize the Air Force to reimburse, in a fixed amount per flying hour above fuel and lubricant costs, the Civil Air Patrol while they are flying authorized missions subject to such limitations as may be prescribed and expand reimbursement authority to include operational unit capability testing and approve training missions.

- \* Authorize the Air Force to reimburse members of Civil Air Patrol for the payment of travel expenses and subsistence while they

(See SUPPLY BILL, Page 2)

### Chaplain's Office

#### Gets Honor Award

MAXWELL AFB, Ala. — The National Headquarters Chaplain's Office recently received the Valley Forge Freedom Foundation's "Honor Certificate Award."

The award, given under the Governmental Unit Activities category, was for the Moral Leadership Manual "Values for Living," and is an incentive award given to first-time winners.

It is given for outstanding contributions made to American Patriotism, and serves to encourage that organization for continued service to America and our fellow Americans.

The manual was the work of three Air Force Reserve chaplains assigned to the National Chaplain's office to prepare material for the Civil Air Patrol Moral Leadership program.



**THUNDERBIRD CHATTER** — High school students from Clark High, Las Vegas, Nev., have an informal chat with a member of the Air Force's famed aerobatic team "The Thunderbirds", during the National Aerospace Education Congress at The STARDUST in Las Vegas during April. From left are Cathy DeSantes, Kathy Baker and Air Force Capt. Kirk Brimmer, thunderbird solo pilot. See related photos on last page of special supplement on Aerospace Education. (Photo by MSgt. Russ Brown)

## Aerospace Educators Hold Annual Congress

LAS VEGAS, Nev. — Civil Air Patrol joined three other aerospace oriented agencies recently in sponsoring the annual National Congress on Aerospace Education held here during April.

Other sponsors were the Federal Aviation Administration, the National Aeronautics and Space Administration, and the National Aerospace Education Association.

Educators interested in this field of education attended from across the nation, along with a number of aerospace pioneers, including USAF Brig. Gen. Charles "Chuck" Yeager, first man to fly faster than sound, and Dr. Jeanette Piccard, pioneer female aeronaut.

One of Civil Air Patrol's prime missions is promoting aerospace

education to make Americans aware of the impact of aviation and space on today's world.

To accomplish its aerospace education mission, CAP promotes the study of aviation and space subjects in schools across the nation. At present, over 1,500 high schools in the United States teach such courses. Civil Air Patrol also helps sponsor workshops for teachers of these subjects.

## Save Count Reaches 17

MAXWELL AFB, Ala. — Civil Air Patrol units saved four lives in March and April. Three persons were victims of aircraft accidents and the fourth was an elderly prospector. These bring the total number of lives saved this year to 17.

Two of the crash survivors were located as CAP pilots homed in on emergency locator transmitter (ELT) signals.

The California Wing flew some 41 hours in two days in locating a student pilot who had filed a flight plan from Navato to Riverside, Calif. However, mid-way through the trip

he decided to alter his course, but failed to notify officials of his change.

While "Flying the Canyons" through peaks reaching to heights of 6,000 feet that ring Santa Barbara on the east, he crashed into the side of a hill.

A CAP pilot pinpointed the ELT signal 10 miles north of Santa Barbara and a ground team was dispatched to the site. Due to the pilot's injuries, an Air Force helicopter and medical personnel were called in for the evacuation.

The Nevada Wing and a Army (See SAVES, Page 2)

### Date Change

MAXWELL AFB, Ala. — Due to the support capability of host agencies, dates for the 1974 Space Flight Orientation Course have been changed from July 30 - August 7 to July 21 - 27.

Cadets and escorts will arrive on July 21 and depart on the 27th.

## Registration Fee Set For '74 Meet

MAXWELL AFB, Ala. — Civil Air Patrol officials have announced that the registration fee for the 1974 National Board Meeting/Convention in San Francisco will be \$19.50.

As in past years, this registration fee includes the Saturday night banquet and all sundry charges with the exception of bus transportation fees between the airport and the hotel.

The Hotel St. Francis has allocated 750 rooms to Civil Air Patrol for the 1974 meeting on September 19-22. The first 400 of these rooms have been reserved for CAP at a rate of \$20 for single or \$30 for double/twin. These will be allocated on a first-come basis. (See Page 16)

The remaining 350 rooms will be available at \$25 for a single or \$35 for double/twin. These 350 rooms, in both the Main Building and the Tower, are considered deluxe and will be assigned after the first 400 rooms have been reserved or upon specific request for deluxe accommodations.





**NO. 1 AGAIN** — Col. Jon Hill (right), commander of the Middle East Region receives a Unit Citation from Brig. Gen. Leslie J. Westberg, USAF, national commander, for having the best region under the 1973 National Commander's Evaluation. This was the second year running for the Middle East. The Southeast Region took the second place award.

## Military Wife Of The Year Serves As Squadron Cmdr.

BOSSIER CITY, La. — Civil Air Patrol 2d Lt. Georgia Foran was recently named as Military Wife of the Year at Barksdale AFB, La.

Lieutenant Foran has been active in Civil Air Patrol for more than 10 years and presently serves as commander of the First Aerospace Cadet Squadron of Bossier City, La.

### Saves

(Continued From Page 1)

helicopter crew shared in saving the life of a pilot flying a Piper Supercub which went down enroute from Elko to Ely, Nev.

After the ELT signal was reported, CAP flew three sorties, which were hampered somewhat by snow flurries in the area, and located the crash site. The Army copter made the pick-up and airlifted the injured pilot to a local hospital.

The Alaskan Wing was credited with two saves as their pilots searched out of Anchorage and Nome, Alaska.

Members of the Nome Cadet Squadron logged four sorties searching for a PA-18 aircraft pilot who had filed no flight plan and his last known position was near Solomon, Alaska. After two hours of searching, the crash was visually sighted and the injured pilot was recovered and taken to Nome by a Army National Guard helicopter.

A prospector who had been transported to his camp site by air from Anchorage failed to rendezvous with the air service for the return trip some nine days later.

The air service pilot searched for him without results and then notified Air Force officials in the Alaskan Command Rescue Coordination Center of his disappearance.

CAP senior member Roger Mills spotted him approximately three miles from camp and requested a ground team be sent in. The team composed of CAP members and 371st Air Rescue and Recovery Squadron (ARRS) personnel reported the man suffering from cold, exhaustion and disorientation.

An Army National Guard helicopter airlifted him to a hospital.

She recently replaced her husband Air Force TSgt. Louis P. Foran as commander of the CAP unit. Prior to taking the reins of command, she served as personnel, testing, finance and administrative officer.

In addition to her Civil Air Patrol activities, Georgia serves as a family services volunteer on base. She has been active in this volunteer organization for 16 years donating more than 4,000 hours of volunteer work.



LT. FORAN



**TOPS** — Col. Stanley Moyer, (right), commander of the Maryland Wing receives a Unit Citation from Brig. Gen. Leslie J. Westberg, USAF, national commander, for having the best wing under the 1973 National Commander's Evaluation. Mississippi garnered second place in the competition.

# National Contest Open To Photo Enthusiasts

MAXWELL AFB, Ala. — The Director of Information at National Headquarters has announced that a photo contest will be conducted beginning May 1, 1974 and ending Sept. 15, 1974.

Both senior members and cadets are eligible to enter the contest in either or all of the three categories which are black and white, color prints and color slides.

Suggested subjects for the contest include disaster relief, search and rescue, the cadet and senior programs. Both amateur and professional "shutter bugs" should point their cameras in the direction of actual happenings — CAP performing its mission or working with other volunteer organizations such as Red Cross, Civil Defense and Salvation Army.

Shoot CAP people doing something, not talking about it. All subjects in the photos who are members of CAP must be readily identifiable as such. This is especially important in pictures of personnel dressed in the fatigue uniform performing in SAR or disaster relief assistance.

Everyone is reminded that uniform and appearance must conform to CAP Manual 39-1. Also, vehicle and equipment markings must conform to CAP Regulation 66-1.

All personnel must be identified in pictures by name, rank and CAP squadron affiliation. If other personnel such as Red Cross and Civil Defense are in the photo, they should also be identified by name, title (if any) and organization.

This information and a brief description of the subject matter should be typed or printed on a piece of paper and attached with a small strip of scotch tape to the back of the submitted picture. Do not write on the back of the submitted photos. Pictures that do not comply with these requirements will be disqualified.

Photographs and slides will be judged by a panel selected by National Headquarters and prize winning photos will be used to promote Civil Air Patrol in national publications. Pictures not selected for prizes may also be used in national publications and credit lines will be given to all photos used.

All entries will become the property of National Headquarters and must be postmarked no later than Sept. 15, 1974.

First prize in each of the three categories will be a \$50 savings bond. Second place entries will earn the winner a \$25 savings bond. If no suitable pictures are selected in a category there will be no winners in that category.

Black and white photos will be submitted in 8"x10" size along with negatives. Color prints should be 4"x5", or jumbo prints, and include the negatives. Color slides will be 35mm only and mounted.

All entries should be forwarded to HQ CAP-USAF/OI, Photo Contest, Maxwell AFB, AL 36112.

### IN MEMORIAM

#### Col. Pansey



WARWICK, R.I. — A former Commander, Col. Neil Pansey, CAP, of the Rhode Island Wing died recently in North Miami, Fla.

In his tenure as commander, Colonel Pansey was instrumental in procuring three aircraft for the wing.

His aviation interest led to the chairmanship of the state aeronautics advisory board, a post he held from late 1950's until 1971.

In addition to his business duties, he was one of the state's leading private aviators. He piloted his firm's twin-engine aircraft on trips for CAP as well as for his own personal business.



# CIVIL AIR PATROL



## CERTIFICATE OF RECOGNITION

AWARDED TO

Brig. Gen. William M. Patterson, CAP

FOR OUTSTANDING HUMANITARIAN SERVICE

BY HIS QUICK THINKING AND OBVIOUS CONCERN FOR HIS FELLOW MAN  
DISTINGUISHED HIMSELF BY SAVING A HUMAN LIFE ON

30 NOVEMBER 1973

**HONORED** — CAP Brig. Gen. William M. Patterson (photo inset) received the above Certificate of Recognition during the March meeting of the National Executive Committee at Maxwell, AFB, Ala., from Brig. Gen. Leslie J. Westberg, USAF, national commander. The Chairman of the National Board was cited for his actions on the Maxwell AFB flightline in November 1973 when a member of the Northeast Region apparently suffered a stroke.

## CAP Unit Removes Mud-Mired Aircraft

SAVANNAH, Tenn. — Members of the Hardin Composite Squadron recently assisted in the removal of a twin-engine aircraft which had turned off the runway and sank into soft ground.

They were conducting an emergency services meeting when the accident occurred. The Savannah Airport was closed due to the aircraft's tail section protruding into the runway.

CAP 1st Lt. Hollis O. Franks, squadron commander, upon request by the pilot summoned a large wrecker which attempted to pull the aircraft out of the bog. When this failed, Lieutenant Franks suggested that a local contractor with house moving experience be contacted for assistance.

The necessary equipment was brought to the airport. After much planning and detailed work, the aircraft was removed and the airport was reopened for traffic.

## Duo Spreads 'CAP Word'

MILWAUKEE, Wisc. — Cadets TSgt. Todd Block and SSgt. Glenn Brandt of the Milwaukee Composite Squadron No. 4 recently planned and conducted a program of visiting local Jr. High Schools.

During their visits, they briefed each student body on Civil Air Patrol's history and missions.

After the briefings, interested students were invited to a squadron open house where activities included a drill exhibition, tour of facilities, slide presentations and refreshments.

Also, a question and answer period was conducted by the Squadron Commander, CAP 1st Lt. Dean Belter, and the cadet staff. Several new members were recruited as a result of this successful program and open house.

## Unit CO Is Airman Of Year

PEARL CITY, Hawaii — Air Force SSgt. William T. Liles, who is assigned to the 76th Aerospace Rescue and Recovery Squadron, was recently named to receive the Outstanding First Term Airman of the Year Award for Hickam AFB, Hawaii.

Sergeant Liles is a first lieutenant in CAP and serves as commander of the 76th Cadet Squadron, Pearl City, Hawaii.

The citation accompanying the award read in part, "During the past year Sergeant Liles performed his duties in an exemplary manner, his knowledge as a Flight Mechanic, his demonstrated initiative and devotion to duty reflect credit upon himself and Hickam AFB."

## Cadet Is Science Buff

ST. PAUL, Minn. — A St. Paul Composite Squadron cadet was among 300 high school students selected as the "foremost young scientific minds in the nation" by the Westinghouse Science Talent Search.

Cadet 2d Lt. Craig Johnson was selected for his project "Efficiency of Low, Air Speed Airfoil Designs".

Senator Hubert H. Humphrey (D-Minn.) congratulated Cadet Johnson upon his selection. He noted in a letter to Johnson that "...it is a pleasure to recognize outstanding achievement... and I hope that your interest in science will continue in your future education and career."

The 300 students were chosen from 1,108 applications.

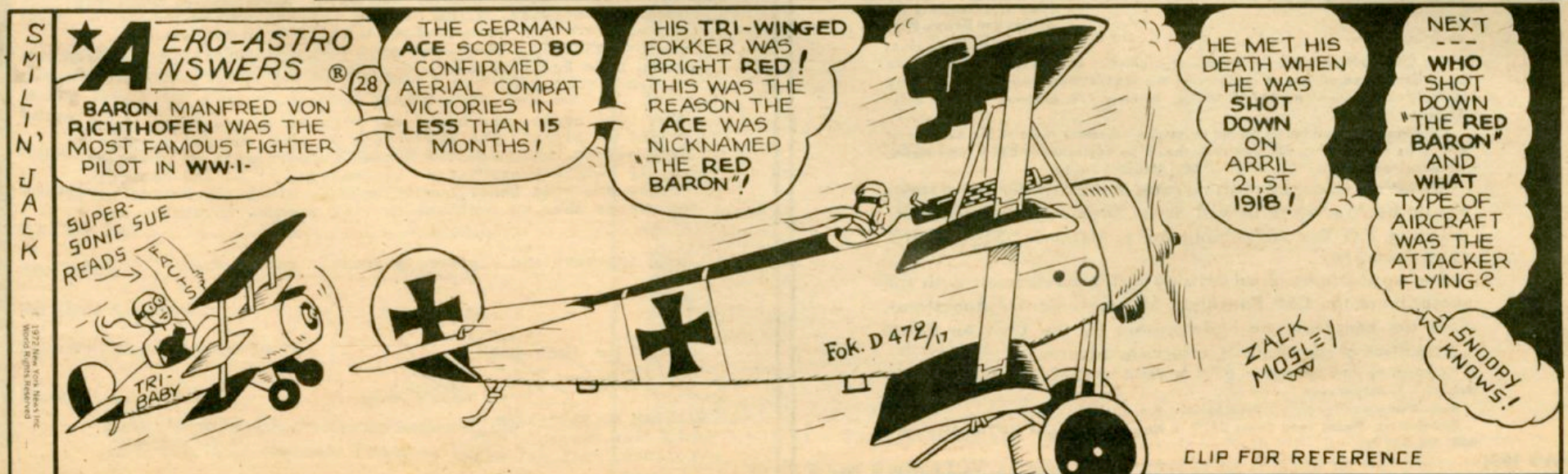
**SPAATZ WINNER** — Cadet Col. Wayne Cottrell of South Carolina's Charleston Composite Squadron receives the Gen. Carl A. Spaatz Award from South Carolina Governor John West. Cottrell a freshman at Clemson University, is only the second cadet in South Carolina to receive CAP's highest award for cadets. He has been in CAP since 1970 and participated in the IACE during 1973.



## BOX SCORE

Seniors	34,476
Cadets	24,935
GAM	499
Total	59,910

(As of Mar. 31, 1974)  
(764 decrease since Jan. 1, 1974)





## From The Commander

# Encampments--An Important Facet

by Brig. Gen. Leslie J. Westberg, USAF  
National Commander

The summer months are rapidly approaching, and that means the time of year when most of our cadet encampments are conducted.

The importance of getting your cadets to an encampment cannot be overemphasized. This meaningful activity has a tremendous impact upon cadet retention, particularly for the first-time attendee. It can really boost a cadet's interest and enthusiasm level and spur his participation in the cadet program. It is for this reason that first-time encampment attendance is again being measured in the National Commander's Evaluation system this year.

As you know, this program includes two types of encampments: the type A for which active Air Force installa-



tions are requested from USAF by National Headquarters; and the type B, which are conducted at community, state, national and DOD facilities not specifically requested by this headquarters. The type B encampment must be arranged by the CAP wing and the USAF-CAP liaison officer.

Of course, we would like to get all of our cadets to a type A encampment for it gives them a firsthand look at the Air Force and how it operates. This year we have received an excellent response to our request for Air Force facilities to support our encampments. We are doing everything possible to further the number of bases that can host a type A encampment and also to increase the number of cadets each can accommodate.

Even with this improved picture, the number of cadets in Civil Air Patrol versus the available Air Force facilities makes it impossible to send every cadet to a type A encampment.

Therefore, in order to provide each cadet with the opportunity to meet the requirement for the Mitchell Award, the availability of a type B encampment becomes extremely important for every wing. I wish to emphasize no difference in credit for either encampment type; one is every bit as valid and important as the other.

## RESERVE ASSISTANCE

CAP-USAF Regulation 50-9 provides for the use of Air Force Reserve personnel to assist in the liaison necessary to establish and conduct cadet encampments. Some wings have expressed the desire to increase the number of reservists that can be utilized. However, in these days of austere budgeting, we will have to work within the limitations set forth in this directive.

What this means is that the CAP senior members will have to take a greater hand in planning and conducting their encampment program. CAP encampments have

always been the wing commander's responsibility, but now his appointment of the senior member staff will take on added significance in the overall success of his program.

One final word — I am sure you have heard the adage that the job is never done until the inevitable paperwork is finished. Cadet encampments are no exception. The wing must send its encampment report to National Headquarters in order to credit the cadets with attendance. The procedure is not a difficult one, and your timely attention to this final step can avoid delays in your cadets' progress, and possibly even affect your wing's final standing at the end of the year.

I am confident that through your efforts in light of the above considerations, this year will be the one in which more cadets than ever — and especially the first-timers — will be able to participate in this exciting and important facet of the cadet program.

## Chairman's Comments

# The Magic Number--13884

by Brig. Gen. William M. Patterson, CAP  
National Board Chairman

On the front page of this issue you'll find an article pertaining to the Civil Air Patrol Supply Bill.

I commend it to you as a matter of vital concern to all of us interested in assuring that Civil Air Patrol remains a viable organization in the future.

Right now it looks good. Better than it has since 1968. But there are still some obstacles to hurdle. I want my Congress-



man to know how much this means to all of us and I want him to know how much his efforts are appreciated. Above all, I want him to know some of the background which can never appear in the prosaic language of our legislative world.

That's why I've written to him personally. I want him to have all the facts when this important legislation comes up for vote. A copy of my letter appears to the right.

Wouldn't your Congressman appreciate a similar personal letter?

## CIVIL AIR PATROL NEWS

☆☆☆☆☆ USAF AUXILIARY ☆☆☆☆☆

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### CIVIL AIR PATROL

AUXILIARY OF THE UNITED STATES AIR FORCE

NATIONAL HEADQUARTERS - MAXWELL AIR FORCE BASE, ALABAMA 36112

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8 April 1974

Honorable Clarence D. Long  
House of Representatives  
Washington, D.C. 20515

Dear Mr. Long

Civil Air Patrol is gratified to learn that the proposed amendment to 10 USC 9441 has, at long last, been assigned a House resolution number. As you are well aware, this pertains to the CAP supply bill which has been suspended in limbo for too long.

Designation of this act as HR 13884 advances this critical legislation to its highest plateau since the problem was first aired in CAP's 1968 Report to Congress. During the interval, Civil Air Patrol's membership has suffered through a succession of high expectations and low spirits when frustrating delays prevented enactment.

I can assure you that despite these setbacks, compounded by dwindling government support and soaring personal expenses, Civil Air Patrol has never faltered in providing dedicated service to the nation. It has not been easy. The cost to each member--most with limited means--has climbed sharply. More and more these altruistic men and women have been forced to dig deeper and deeper into their personal resources.

Now, once again, our hopes are high as we see long-sought relief in sight. The provisions of this amended supply bill assure that urgently needed support will be available to CAP people everywhere. Ultimately, it is the American people who will benefit most because Civil Air Patrol will be better able to continue serving anyone, anywhere, any time.

Your interest and support is greatly appreciated.

Sincerely

WILLIAM M. PATTERSON  
Brigadier General, CAP  
Chairman, National Board



# 5 Seniors Complete AF Weapons Course

MAXWELL AFB, Ala. — Five Civil Air Patrol senior members recently completed the Weapons Employment Course for Allied Officers conducted at Maxwell AFB.

The week-long course was conducted by Air University's Institute for Professional Development, and is geared to provide attendees with a knowledge of current U.S. Weapons and their employment and a familiarity with the fundamentals of space

operations and an appreciation for the U.S. national space program.

Completing the course were Lt. Col. James A. Gedra, Ohio; Maj. Charlie B. Bradford, Alabama; Capt. Roy D. Harrelson, North Carolina; Capt. James E. Walsh, Jr., New Jersey; and Lt. T. Richard Herold, South Carolina.

All of the members had high praise for the course and recommended it for other CAP members for a better understanding of the space program and weapons utilization.

## Dates Set For Nat'l School

MAXWELL AFB, Ala. — The 1974 National Search and Rescue (SAR) School will be conducted at Governor's Island N.Y., on July 29-August 2.

Course length for this year's SAR School has been reduced to one week due to the elimination of water search and rescue instruction from the curriculum presented to the CAP attendees. In conjunction with this major change, CAP spaces for the school have been doubled to a total of 24 attendees, who will constitute the entire class. As in past years, quarters are furnished at no cost to the attendee.

The course content is specifically designed for CAP search and rescue mission coordinators and selected and experienced SAR qualified pilots and observers.

Applications must be submitted to National Headquarters/DOT in accordance with the provisions of CAPR 50-9, utilizing CAPF 17, dated January 1974 (previous editions of this form are obsolete). Applications must be processed through an applicant's wing and region commander for approval so as to arrive at this headquarters/DOT no later than June 3. Selectees will be announced no later than June 15.

## SAR Center Goes To Scott

SCOTT AFB, Ill. — Air Force officials have announced that the operational control of search and rescue operations in the Central subregion will transfer to the Air Force Rescue Coordination Center at Scott AFB at midnight, May 9.

The transfer will be in conjunction with the deactivation of the Central Rescue Coordination Center at Richards-Gebaur AFB, Mo.

Those states affected by the transfer are North Dakota, South Dakota, Wyoming, Nebraska, Colorado, Kansas, New Mexico, Oklahoma, Texas, Minnesota, Wisconsin, Iowa, Illinois, Indiana, Missouri, Arkansas and Louisiana.

Plans are also being made to transfer the SAR operations of the Eastern and Western subregions to Scott AFB at a later date.



**IN APPRECIATION** — Col. Kun K. Hu, (USAR), commander of the 21st General Hospital shows the public service citation his organization recently received from CAP's St. Louis Composite Squadron No. 1. The citation was presented to the U. S. Army Reserve General Hospital. The reservists recently instructed cadets in the basics of rifle marksmanship and emergency field medicine.



**STUDY TIME** — Civil Air Patrol senior members worked hard during the recent Weapons Employment Course at Maxwell AFB, Ala. From left to right are Lt. Col. James A. Gedra, Ohio; Capt. Roy D. Harrelson, North Carolina; Capt. James E. Walsh Jr., New Jersey and Maj. Charlie B. Bradford, Alabama. Lt. T. Richard Herold, South Carolina, also attended the course.

# Actual Search Mission Gives Educators 'First' Hand Look

HAMILTON AFB, Calif. — During a return flight last month from the National Congress of Aerospace Education, the crew and passengers of "Wish 10", the T-29 aircraft assigned to the Pacific Region Liaison Office became involved in a search mission.

As they were climbing over the Sierra Nevada mountains just over Lake Tahoe, Oakland Center was overheard talking to a Navy Helicopter about a downed aircraft. Col. Robert E. Freshwater, aircraft commander and Pacific Region Liaison Officer called Oakland Center and asked if "Wish 10" could be of any assistance. Oakland requested they monitor 121.5 mhz for a signal from an emergency locator transmitter (ELT).

Almost immediately after dialing in the frequency, they began to receive the ELT signal. After alerting the passengers to look for smoke, signals, or reflections, they proceeded west to check out a reflection on the side of a mountain which proved to be a cabin with a tin roof. Later they spotted some smoke which turned out to be a campsite.

During this time, the ELT signal seemed to be fading slightly so "Wish 10" turned to the northeast. Oakland Center provided a radar vector to the area where they suspected the downed aircraft might be located. While enroute, the crew continued to monitor the ELT and visually search with all passengers actively participating.

What appeared to be a slight trace of smoke was observed to be coming from an old abandoned dirt landing strip. After a closer check of the area, the downed aircraft was spotted in the trees on the side of the strip and immediately flashes from a signal mirror were received.

"Wish 10" reported the sighting to Oakland, set up an orbit over the site and relayed vectors and information to the Navy Copter. The helicopter arrived on the scene approximately five minutes later, made a pass down the strip and reported two females sitting

under a wing and a man waving his arms.

Because of dirt, dust and debris the helicopter had to land approximately 300 yards to the south of the downed craft and the crew proceeded on foot to the crash site. Wish 10 continued to orbit and relay information to the Center until the helicopter crew returned with the survivors.

The pilot, with his wife and child and camping gear had attempted to land on the abandoned strip in a Cessna 150. During the landing, the nose tire blew out causing the aircraft to swerve into the trees at the side of the strip.

There were no injuries and the helicopter took the survivors out to Placerville Municipal Airport. After relaying the helicopters off time, destination and

ETA, "Wish 10" then proceeded on to Hamilton AFB.

The entire incident proved to be an impressive experience for the 15 educators on board the T-29. After attending the NCAE, they got a first-hand look at search and rescue in action on a highly successful mission. The survivors were rescued in less than an hour and a half from the time of the accident.

The aircrew on "Wish 10," in addition to Colonel Freshwater were Maj. Lowell D. Bilyeu, first pilot and Director of Training, Pacific Region Liaison Office and TSgt. John D. Duffy, flight engineer, Pacific Region Liaison Office.

L.D. "Pat" Cody, director of Aerospace Education, Pacific Region Liaison Office, was also aboard and kept the other passengers informed as the mission progressed.

## Plane Wash= \$\$ For Unit

BIRMINGHAM, Ala. — Cadets from Birmingham's Composite Squadron 34 recently held a plane wash at the local Pell City airport to raise money for their cadet fund.

After the plane wash, which netted them \$5 per aircraft, the cadets were given an orientation ride. The day was "capped off" with a hot dog supper and bonfire given by senior members of the unit.

## Skokie Cadets Get 'Wings'

GLENVIEW, Ill. — Three members of the Skokie Valley Composite Squadron recently completed their solo flights during a two-week period.

Earning their "wings" were Cadet Majors Frances Solomon and Edmund Stern and Cadet TSgt. David Bottom

## Members Earn Radio Permits

BETHESDA, Md. — Seven cadets and one senior member from the Bethesda Chevy Chase Squadron recently earned their "76 Radio Permits".

In order to qualify for the permit, each had to successfully pass a 100 question test on communications.

This qualification now allows them to operate on CAP radio frequencies.



For the benefit of all members of Civil Air Patrol, the latest statistics of search and rescue activities throughout the organization are shown below.

These are unofficial figures compiled by Directorate of Operations at CAP National Headquarters.

(As of Apr. 14, 1974)

Number of Missions	91
Number of Aircraft	1,429
Number of Sorties	2,582
Flying Hours	4,462
Personnel	7,276
Mobile Radios	1,601
Fixed Radios	1,835
Saves	17
SAR Objectives Located	37



# 33 To Be IACE Escorts

MAXWELL AFB, Ala. — Thirty-three male and female members have been selected by the Senior Member International Air Cadet Exchange Escort Selection Board as primary IACE escorts for 1974. In addition, 13 male and female alternates were identified in the event that a primary selectee is unable to meet the schedule.

The board, convened by the National Commander, reviewed 79 applications from 35 of the 52 wings. The following wings did not have an applicant for the 1974 IACE escort program: Alaska, Idaho, Indiana,

Kansas, Maine, Maryland, Minnesota, Mississippi, Missouri, Nevada, New Mexico, North Carolina, South Carolina, Tennessee, Vermont, Wisconsin and Wyoming.

The 1974 escort requirements were for 8 female primaries; one each for Australia, Belgium, France, Great Britain, Israel, The Netherlands, Hong Kong and the Philippines. Also, 25 male escorts were needed. In addition to escorting cadets to the same countries as the females, there is a requirement for male escorts in the following countries: Germany, Norway, Portugal,

Spain, Sweden, Switzerland, Australia, Republic of China, Japan, Republic of Korea, Malaysia, New Zealand and Singapore.

Notification to all primaries, alternates and those individuals not selected as IACE escorts have been dispatched from National Headquarters. In addition, requirements for other cadet special activities are now being made and selection notification will be dispatched the first of May.

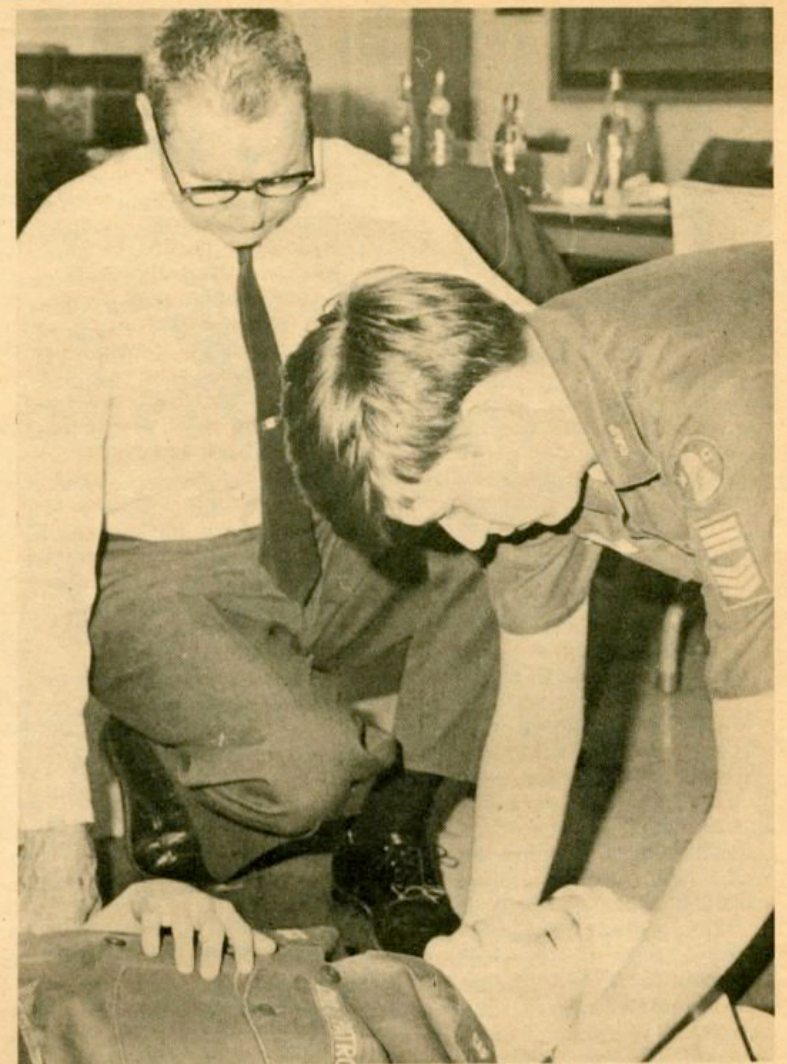
Following is a list of those selected as primary and alternates and their unit number:

## SENIOR PRIMARY ESCORTS

Jessie M. Watt	01016
Rupert E. Hazen	02071
Shirley M. Timm	04177
Ted Bushman	04213
Phillip Stephenson	04282
Frank R. Jones	04357
Carl R. Johnson	05001
West W. Twomey	05001
James P. Penny	05025
James R. Biggs	05051
John W. Morris	07015
Myra E. Conner	09005
Jose M. Hernandez	09075
Donald D. Light	11020
Arthur W. Long	13002
Charlotte P. Wright	16001
Will S. Temple, Jr.	16014
Peter Chinetti	19001
Kjell Langaas	19022
Alan R. Creighton	20197
Samuel N. Gilmore	28037
Eveline A. Cooney	31165
Perthena A. Latchaw	35001
Sharon E. Hill	35008
George H. Shoup	37018
Anthony M. Motta	38023
Lester W. Snyder	40001
Warren H. Sechler	43001
Evelyn O. Lundstrom	46001
William G. Depierro	46080
Eugene A. Kerwin	51001
Julien R. Storms	51031
Jose Mendez	52091

## ALTERNATE ESCORTS

Edward L. Jones	02071
Dwayne A. Kremer	05050
Frederick P. Wegner	13002
Edward W. Keehn	20001
James D. Stroud	29067
Cecelia F. Hopper	31071
Raymond J. Staiger	33001
Edmund P. Tesner	34096
Jacqueline E. Rodda	35035
Peggie J. Herring	42154
Virginia F. Ritzman	46001
Ova Helen Dilley	47013
Mary Lou Marshall	97000



**WATCHFUL EYE** — Cadet MSgt. Roy C. Gough of the Winston-Salem Composite Squadron practices bandaging his "victim" Cadet MSgt. Mike Peters under the watchful eye of First Aid Instructor 2d Lt. O. Franklyn Griffith Sr. (Photo by Lt. Col. H. Nelson)

## Volunteer's Expertise Benefits N.C. Unit

WINSTON-SALEM, N.C. — O. Franklyn Griffith was a skilled radio technician and amateur radio operator at a time in which a leading college physics textbook still found it necessary to spell out the word "electricity" phonetically. The readers might well have been unfamiliar with that invisible force which was altering their lives.

After graduating from Winston-Salem City High School (now R.J. Reynolds) in 1927, Frank Griffith began his work in electronics, which has alternately been a vocation and avocation for him. Now, Griffith, as communications officer of the Winston-Salem Composite Squadron, has direct responsibility for a network of more than 75 radios working on three different frequencies over the city. His duties involve him in instruction in fundamentals of radio operations, administration of complicated licensing procedures, and the general welfare of all CAP radio traffic carried on by operators ranging from the age of 14 to 65.

Radio, however, is only one of Griffith's interests. For 12 years he was a member of the Winston-Salem Fire Department, leaving that profession with two service stars and a passion for safety which was to shape the course of his later work life. Coincidental with his work in fire fighting and prevention, he took an interest in first aid and became an authorized instructor in 1930, the year of his marriage to his wife, Virginia.

For four years after he left the fire department he worked in Atlanta for the Retail Credit Company, but in 1948 he returned to Winston-Salem to begin work in safety for the North Carolina Industrial Commission. He retired from the commission in 1973 after 25 years of labor in quest of safer working conditions for the citizens of the state. Retirement didn't mean less work for Griffith, however. He still works on a part-time basis as a safety consultant.

Last May, before his retirement, Frank Griffith found a new interest in the work of the Civil Air Patrol. He says that it was the CAP involvement of his son, CAP Maj. (Dr.) O.F. Griffith Jr., who teaches physics at Louisiana State University in New Orleans, which excited his interest. In CAP, Frank found a way to combine his twin interests in radio and safety to the advantage of the local unit and the community at large.

Griffith, who holds the rank of CAP second lieutenant, like some other members of CAP, prefers to leave flying to those who have the skill and interest. He is content to administer the communication affairs of the squadron and to give classes in radio operation, safety and first aid.

Leading an even busier life than when he was employed by the Commission, Griffith still finds time to work with amateur radio. He has even found a new hobby, Indian Clubs, with which he entertains church groups, safety conferences, and on occasion, the CAP squadron. Yet, when there is a search and rescue mission, the tall frame of Frank Griffith is to be found at squadron headquarters bent intently over the radio equipment directing the communications so vital to the success, and safety, of the mission.



**MILITARY BALL** — Capt. Albert Vrooman, (left), commander of the Schenectady Composite Squadron (New York Wing), helps Cadet Lt. Col. Suzanne Rapp, activities officer for squadron and Lt. Col. William Smith, N. Y. Wing Sector 4 commander cut the cake to celebrate Albany Group's first military ball. Lt. Col. Kenth Wagoner, Albany Group commander, looks on. The Schenectady unit hosted the gala event. (Photo by Schenectady Gazette)

## Filing The Flight Plan

by Chaplain (Col.) Ralph R. Pace, USAF

The famous Quaker poet, John Greenleaf Whittier, wrote: "For all sad words of tongue or pen, the saddest are these: 'It might have been!'" And this is indeed a depressing thought, for it speaks of wasted and unretrievable opportunity. However, in a recent Flying Safety bulletin even more pungent words shouted for my attention: "No Flight Plan...No Survivors... Mission Closed..."

Maxwell AFB, home of the Air University, displays a large billboard with the message, "Homemade accidents are costly." Everyone in Civil Air Patrol will agree with this statement, for our safety program is designed to make us safety conscious. The chaplain is always at the safety of putting it all in proper perspective by emphasizing that "Safety is basically a moral problem."

Lane Adams, former Navy fighter pilot, night club singer, associate of Billy Graham, and now minister of evangelism in California, expresses his views on flying and living in "Come Fly With Me." He points out the simple principle of aerodynamics which first lifted man off the earth. The cutaway section of a basic wing illustrates the greater distance which the upper portion of the wing exposes to the moving air. The decrease of air pressure on the top of the wing literally sucks the plane off the ground. If the wings were put on the plane upside down, the aircraft would definitely remain earthbound.

Adams makes the application to living by saying that our spiritual wings are on upside down, in that the longest side is toward the earth. The Bible says that we are to seek first the kingdom of God... to ask God's forgiveness and then forgive our fellow

man... "forgive us our debts as we forgive our debtors..." With the upward lift we can become airborne and successfully complete the mission of life. "Come Fly With Me" says that no really good pilot would dream of taking a trip of any distance without first deciding on his destination, carefully planning every detail of his journey, and then filing a flight plan with the authorities to help protect himself against any unforeseen misfortune that would overtake him en route. Yet most people take the journey of life — eventually into death — without the foggiest notion of their destination or how to cope with the dangers along the way.

God has a flight plan for each life and has provided us with real check points along the way. The communications network is operative, the channel is open, just make certain to tune in the right frequency. The words of the penitent publican, "God be merciful to me a sinner..." is a good place to start.

Pride is probably the biggest killer of pilots. As the nondirective counselor said of the man who perished, "Too bad that he didn't ask for help," the Federal Aviation Administration indicates that most pilots who lose their way and crash might have been saved had they only admitted early enough to themselves that they were lost and relayed this information by radio in the call for help.

The instructor explained the transponder as the instrument with the sensing light that surges brighter each time the radar beam strikes the plane. He suggested that somebody down there loved us and was concerned as to our whereabouts. Again and again in the experiences of life and by way of His word, God assures us that He knows where we are and cares for us. "In all thy ways acknowledge Him and He shall direct thy path."



# Facilities Get Name Change

MAXWELL AFB, Ala. — When Civil Air Patrol Cadets participate in the Air Force Logistics Command (AFLC) orientation program this summer, they will find that AFLC has redesignated its five large industrial-type facilities from air materiel areas (AMAs) to air logistics centers.

"The new name will more accurately reflect the greatly increased responsibilities carried out by the centers since their original designation as AMAs in 1946," Gen. Jack J. Catton, AFLC commander, said in announcing the change.

When the change becomes effective shortly, the AMAs will be known as the Oklahoma City Air Logistics Center, Tinker AFB, Okla.; Ogden Air Logistics Center, Hill AFB, Utah; San Antonio Air Logistics Center, Kelly AFB, Tex.; Sacramento Air Logistics Center, McClellan AFB, Calif.; and Warner Robins Air Logistics Center, Robins AFB, Ga.

In the beginning, each AMA provided supply and maintenance support for Air Force bases in a limited geographical area.

Today, each center has worldwide logistics support roles for specific weapons systems such as the B-52 Stratofortress bomber, the Minuteman intercontinental ballistic missile and the F-15 Eagle

fighter (under development) as well as any subsystem, component or piece of equipment needed to keep the force operationally ready.

"Redesignation of these activities as air logistics centers will more readily convey to our customers — the Air Force's commands and allied nations — and to the public the true scope of their work and the real extent of their global responsibilities," General Catton said.

AFLC — employing some 110,000 military and civilian personnel — provides maintenance, supply, procurement and distribution support to a total force — including nearly 11,000 aircraft in the U.S. Air Force fleet, 4,500 aircraft owned by allied nations, all intercontinental ballistic missiles, ground

equipment — in short — the entire spectrum of Air Force materiel requirements.

The command manages a financial program of approximately \$10 billion a year from its headquarters at Wright-Patterson AFB, Ohio.

Beginning in mid-July, 90 cadets will visit Robbins AFB, Ga., Tinker AFB, Okla., and McClellan AFB, Calif.

They will receive a one-week course designed to familiarize them with the nature and purpose of the Air Force Logistics Command. The course consists of briefings and presentations that will provide an insight into the support and logistics requirements of the U.S. Air Force.

## CAP Training Aids Teacher

ANOKA, Minn. — A recent graduate of Civil Air Patrol's National Staff College, CAP Capt. Dennis Rock, put his experience from the Staff College's "Project X" to work during his college internship at Rogers Elementary School.

The students had some excess time and energy during recess and under his guidance an obstacle course was constructed using two boards set 25 feet apart with obstacles of old tires and barrels in the center.

The students then work through the course with as much speed as possible. The idea of the course was to build confidence in the students. According to unofficial reports, the girls seem to outdo the boys in this sport.



**STATEWIDE CHECK** — Members of New York's Rockland County Group participate in a daily New York Wing statewide CAP network check. Cadet Maj. Christopher Flood (left), staffs the microphone while Maj. Ceil Hopper (seated), unit communications officer checks the log and Cadet TSgt. Paul Mowat looks on. Both Major Hopper and Sergeant Mowat have attended the North East Region Communications School at Kutztown, Pa.

# 200 Cadets To Participate In '74 IACE

MAXWELL AFB, Ala. — Two hundred cadets from 48 Civil Air Patrol Wings have been named to participate in the 27th annual International Air Cadet Exchange program. In addition, 28 cadets have been selected as alternates in the event a primary selectee is unable to meet the schedule.

The cadets will visit 22 foreign countries, including such widely separated ones as Israel and Japan, Germany and New Zealand during the exchange, sponsored by CAP and the U.S. Air Force.

A like number of youngsters and their escorts will visit the United States, as guests of CAP, during the same time frame.

Nations in the Far East, Europe and the Middle East plus Canada will send delegations to the United States in this annual exchange which began in 1948.

This will be the seventh year in which female cadets have participated in the IACE. American girls will visit Austria, Belgium, France, Great Britain, Israel, Netherlands, Hong Kong and Philippines this year.

Following is a breakdown by Region and unit charter number of those cadets selected to participate in the exchange between July 15 and August 8.

## PRIMARY CADETS

### Northeast Region

Leigh J. Reynolds 06041  
Jane E. Reichardt 06054  
William C. Gilbert 06071  
Roger J. Martin 17056  
Frederick L. Freeman 19022  
Robert H. Ekstrom 19022  
Joseph S.C. Chiu 19028  
Mary F. Gilmore 28037  
Donald L. Roy 28038  
John R. Schwarz 29002  
Jeffrey J. Kilgariff 29037  
Robert A. Karsten 29058  
Ralph S. Mahan 29092  
Theodore T. Laplante 31073  
George L. Kelman 31075  
Reinaldo Hernandez 31090  
Christopher A. Manos 31103  
Ernest R. Rubenstein 31111  
Bert W. Devantier 31116  
Linda S. Ocampo 31131  
Timothy C. Oourke 31131  
Gerard F. Krack 31142  
Christina A. Souliere 31158  
John A. Szulta III 31227  
Michael P. Banek 31288  
James A. Kilmer 31292  
Keith D. Kries 37026  
William L. Clemete 37048  
Boleslaw F. Jarosz 37048  
Theodore R. Galacci 37068  
Joseph A.J. Rushworth 37068  
Mitchell L. Klein 37102  
Robert D. Hammet 37102  
Donald G. Kozar 37191  
Donald S. Gelosh 37212  
Sharon Nazzocca 38016

### Middle East Region

Bruce A. Durante 07007  
Amy P. Gier 07011  
Gregory S. Gelsinger 07011  
Jeff E. Messing 07015  
Teresa M. Berezney 18018  
Donald E. Jungell Jr. 18018  
Michael L. Smith 18021  
John A. Russo 18023  
Cheryl A. Clifton 18069  
S.D. Schwartzberg 18071  
Mark A. Kunkowski 18085  
John H. Porter 25038  
Vaughn H. Allex 25038  
Robert R. Darcey 25053  
John D. Allers 32048  
Francis G. Hinnant 39014  
Susan P. Edwards 45002  
Ian M. Wright 45014  
John B. Costello 45025  
Kenneth L. Gaudin Jr. 45048

### Great Lakes Region

William R. Nusz 11008  
Brian H. Kapple 11008  
Philip Morris III 11041  
Daniel M. Goss 11041

Martin J. Simonian 11042  
Curt T. Edelmann 11056  
Edmund H. Stern 11074  
John J. Nangle 11090  
Roy H. Ozols 11090  
Glenn G. Zemtsch 11090  
James P. Prieur 11113  
David A. Crowell 11154  
Marcia L. Leibow 11173  
Richard A. Nakroshis 11194  
M.L. Baumgartner 11196  
N.W. Christensen 11205  
E. John Baker Jr. 11213  
Victor E. Cabot 11213  
Dean Corsa III 11228  
Janice Rittmueller 11230  
Dennis E. Biela 11254  
Steven A. Snyder 11254  
Tresa S. Embry 12010  
Michael T. Lepper 12075  
Gregory L. Stacy 12079  
Stephen G. Atkins 12123  
Sheryl Price 12172  
Louis R. Sertich Jr. 12177  
Theodore M. Trout 20104  
Jeffery S. Lawrence 20119  
Gary R. Freeland 20238  
Chris Stuhldreher 34046  
Steven L. Tartaglione 34060  
Kenneth J. Pahon 34096  
William D. Babis 34146  
Mary F. Smith 34171  
Paul A. Prince 34177  
Allen Keene 48018  
John A. Palese Jr. 48061  
Stephen A. Michaels 48061  
Jeffrey R. Mueller 48121  
Lynn M. Klapproth 48144

### Southeast Region

Ralph N. Runge 01016  
Cavender C. Kimble 01041  
Patricia A. Petruff 08002  
Glenn H. Wheelless 08043  
Sherri L. Doughty 08090  
John A. Dishman 08103  
Daniel J. Levitch 08117  
Jerry R. Waller 08120  
Barbara A. Stack 08160  
Sandra L. Graham 08160  
David K. Graham 08160  
Karan L. Krna 08237  
Guy J. Osborne 08243  
Charles N. Davis Jr. 08274  
Robert M. Baldwin 09066  
Jon V. Caples 09072  
Leviticus A. Lewis 09075  
Stephen E. Launius 22047  
Glen A. Dodson 41008  
Gregg S. Franklin 41054  
Ruben Acosta 52002  
Victor Perez 52002  
Irisarri N. Zapata 52002  
Jose C. Barbosa 52027  
Stephen R. Preston 52045  
Richard Rodriguez 52059  
Debbie L. Rivera 52060  
Rigoberto Maldonado 52060  
Fidel Perez 52062

Juan Garcia 52066  
Jose L. Seda 52066  
Ruben Sepulveda 52071  
Efrain Gonzalez 52077  
Rafael Perez 52079  
Luis S. Cotto Jr. 52091  
Rafael A. Correa 52091  
Jose Gonzalez 52091  
Luis Esquerdo 52094  
Maria D. Melendez 52097  
William Cruz 52103

### North Central Region

David J. Froiseth 13051  
Marvin Mason 14029  
Duane B. Filkins 14061  
Allan B. Nease 14078  
Lawrence P. Retz 14078  
Debby J. Wilson 21010  
Douglas B. Hultberg 21016  
Gary N. Myran 21044  
Bernard A. Olson 21080  
Jeanette K. Rockey 23016  
William A. Ludwig 26002  
Arlon R. Miller 26055  
Randall L. Schumacher 40038  
John J. Warns 40050  
Daniel J. Page 40050

### Southwest Region

Kelly B. Hegarty 02070  
Donald D. Martin 02070  
Stuart B. Maxon 02071  
Craig C. Harbeck 03034  
Charles W. Adkins Jr. 03042  
William J. Owens 16005  
Byron L. Rambo 16021  
Phyllis L. Walker 30018  
Blaine A. Armstrong 30018  
John T. Bejnar 30049  
Erich E. Strobe 30049  
Kelly D. Johnston 35015  
James C. Breidenbach 35071  
Mary J. Vargas 35081  
Norman A. Scherer 35081  
Patrick D. Shay 42085  
Paul R. Owen 42179  
Margaret L. Black 42258  
John W. Birkhoff 42274  
Roger D. Ritter 42305

### Rocky Mountain Region

Kirk D. Dameron 05001  
Lancard J. Aldrich 05068  
Jack O. Harper 05068  
Dennis J. Foley 05135  
Steve A. Eckhoff 05135  
Randy P. Wostel 24003  
Steven W. Smith 43003  
Michael B. Curran 49008

### Pacific Region

Jay L. Weinsoff 04051  
Michael D. Charlton 04151  
Steven A. Catron 04204

Scott E. Bartel 04220  
Benjamin T. Smith 04234  
Valerie D. Watt 04282  
William C. Olson Jr. 04287  
David L. Larton 04334  
Ray A. Osman 36045  
Greg W. Paetzhold 36045  
Ted S. Kyle 36054  
Douglas B. Shippy 46002  
H.G. Haskell III 46003  
Ray A. Rush 50028  
Samuel F. Madison II 50043  
Harold S. Levy Jr. 51014  
Pale T. Eva 51014  
Gerald F. Toyomura 51049  
Amby G. Cruz 51056

### ALTERNATES

#### Northeast Region

Richard D. Murray 31076  
Ronald L. Atkins 31076  
Ramon Sanchez 31164  
C.M. Killian 37049  
Ronald L. Riordan 37223

#### Middle East Region

Denese Shipman 45002  
Jennifer L. Anderson 45101

#### Great Lakes Region

Rodney W. Beeker 15007  
Jeffrey H. Bohleber 11172

#### Southeast Region

Walter C. Kraujalis 08084  
Maria C. Held 08160  
Jacqueline M. Pearson 08160  
John M. Hudson 41056  
Fe M. Ortiz 52017  
Montero V. Sierra 52060

#### North Central Region

Deborah A. Reandeau 26010  
John C. McAlpin Jr. 26055

#### Southwest Region

Kenneth J. Werling 16010  
James C. Montgomery 42142  
Mary C. Tout 42274

#### Rocky Mountain Region

Charles R. Loftis Jr. 05051  
Laura J. Dillon 10087  
Celeste M. Condit 10087  
Annette Chlapowski 24008

#### Pacific Region

Sharon V. Storey 04046  
Theresa A. Ashcraft 04213  
Winona M. Jones 04363



(Editor's Note: In the March issue of the Civil Air Patrol NEWS we named Civil Air Patrol's "Top 10 Cadet Squadrans of Distinction." We asked the commanders of these units to tell their story on how their squadron achieved this enviable goal. Following are the reports on the 8th, 9th and 10th place squadrans.)

## London Composite Squadron - No. 8 Kentucky Wing

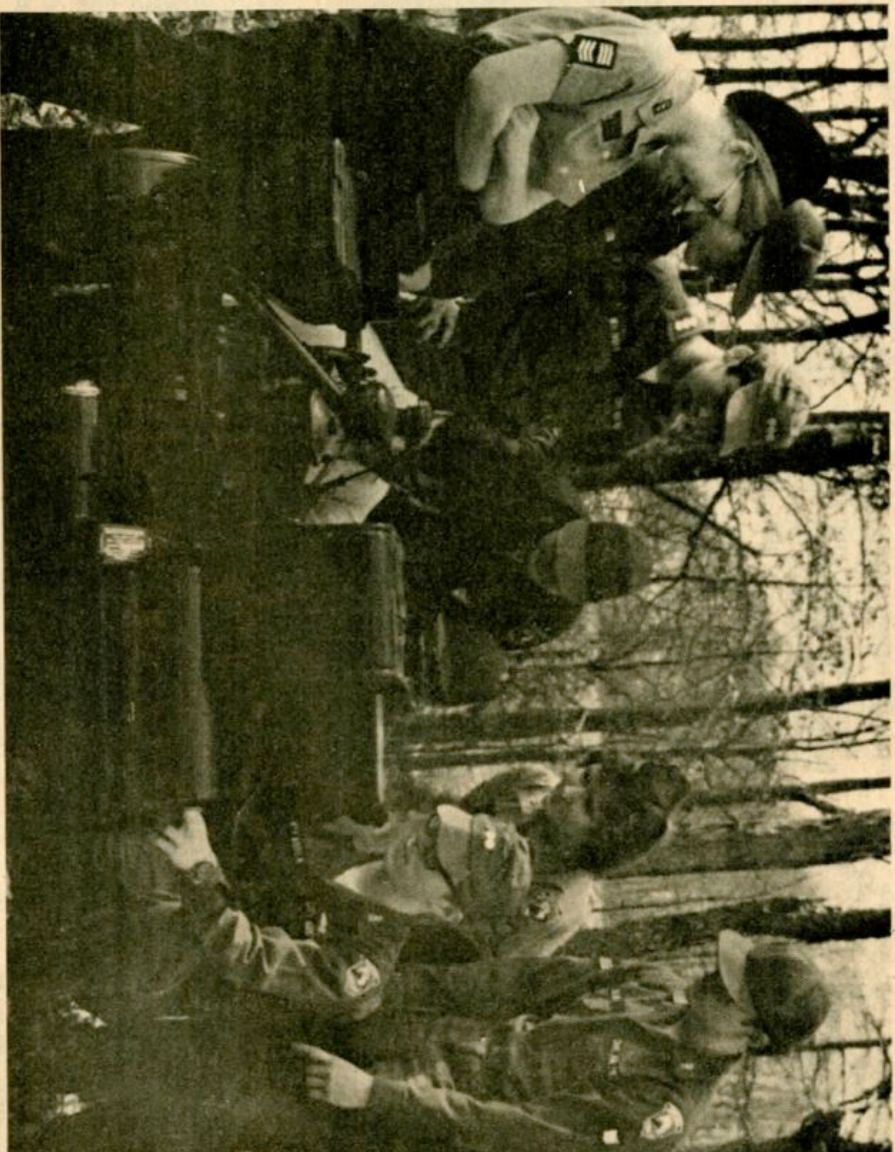
by Maj. Ruth T. Gray, CAP  
Squadron Information Officer  
London Composite

Squadron is located in Southeastern Kentucky in the foothills of the Cumberland Mountains. London is on one of the main north-south and east-west airways. It is a very air-minded community and was so back in 1943, when the squadron was chartered. The unit has been involved in every search and rescue and disaster relief operation conducted in the mountains to the east since that time. A Unit Citation was awarded in 1957 for the unit's assistance to the flood stricken areas of southeastern Kentucky.

Right in the beginning, cadet training became an integral part of the unit's operation. Seniors taught classes and worked with the cadets until the new cadet program was implemented. Cadets have always been used to the fullest in all Emergency Services missions to fill base positions. Having been placed in positions of responsibility, some cadets naturally evolved into the senior squadron upon reaching age. Many of the cadets who entered the Armed Forces retained senior membership and returned to add more experience to the program. The unit has placed one cadet in the Air Force Academy and one in the U.S. Naval Academy. Several cadets also joined Air Force ROTC.

London has always had a composite unit, with cadets and seniors working in close coordination. CAP is a full week in London, with one meeting night and the rest of the week taken up with work parties, staff meetings, practice sessions for color guards and other activities. In the last four years, the cadets have taken over a large part of their operation without senior member assistance. The color guard performs at ball games, parades and dedication ceremonies throughout the area.

Due to the cadet activity and interest shown for the cadet program by the community, local businessmen and the city



POWER UNIT

London Cadets Learn About Auxiliary Power Units

provided funds to construct a 40x60 foot unit building at the airport with free rent and a life time lease. The squadron members have since completed the interior to provide offices, classrooms, radio room, kitchen and other facilities, thanks to more community support. This type of local spirit has been a determining factor in the continuous recruiting and retention of cadets and seniors.

Encampments are a basic part of this unit. All possible senior members and cadets go each year. A cadet is allowed to go when he or she passes Phase I. Some have attended five or six encampments. The senior member's attendance encourages the cadets. Cadets work hard on their achievements, but are

pressured only by themselves. The desire to attain rank before each encampment, SARCAP or special activity selection board keeps them driving. Four cadets have been selected for the International Air Cadet Exchange program in the past nine years. Many other activities' slots were filled from this unit. The cadets are aware of this and strive to maintain the unit's record.

Nothing is free to the members of the London Squadron. Everything is earned. Every success the squadron experiences is through the total effort of all 70 members. The harmony and close working relationship between seniors and cadets is the attributing factor in reaching any goal sought by the squadron.

## Wilmington Cadet Squadron - No. 9 Delaware Wing

by Capt. John W. Morris, CAP  
Squadron Commander

What makes our squadron grow and achieve — three basic items—1) activities, 2) senior support and 3) the cadets desire to compete.

1) Activities—Field work and field trips. You can't pull the kids off the streets by making them do in a meeting, what they've been doing all day in school or the promise of military drill.

Our squadron, by using our old '63 Econoline van and the carryall or station wagons of the seniors, makes trips to Philadelphia (Franklin Institute, Philadelphia Naval Yard, etc.) to New York City (U.N. Building, Chinatown, various other places of interest), to Washington, D.C. (Smithsonian Institute, government institutions and landmarks) to the shore for a swim in the ocean, campout weekends in Delaware or New Jersey Parks where they practice everything they've learned — SAR, First Aid, survival, etc., Delaware State Fire School where they undergo the same training as regular firefighters—rope and ladder work on a mock-up five story building, use of various type stretchers on the same building, hose work in actual fire conditions, propane fires, emergency care and leadership.

In every case, they are treated as men and expected to do a man's job—the instructors make no concessions that they are 13-17 years

of age. And yet, since our squadron initiated this training, they've put over 300 cadets through some 10,000 hours of volunteer training.

2) Senior belief in, and support of, the CAP program.

**The Squadron Commander:** Has U.S. Army service since May 1944 — both active and presently active reserve. Trained as parachute infantry, chemical specialist and at present, the senior instructor of the NCO Academy in the state of Delaware.

**The Deputy Commander:** ROTC trained, presently a first lieutenant in the same reserve unit as supply officer and in charge of enlisted personnel. Life member of the National Rifleman's Association and head of our rifle team.

**The Operations Officer:** A veteran of Viet Nam (crew chief on helicopters) and also a member of the same reserve unit. NCO Academy graduate in 1973 and instructor in 1974. Almost 300-hours volunteer time with Delaware State Fire School. County Ambulance driver as his livelihood, presently training in paramedics.

**The Finance Officer:** World War II veteran and squadron "mother".

**Military Education Officer:** Active Navy Reservist.

**Information Officer:** New to the squadron but also WW II veteran.

**The Activities Officer:** 80-mile round trip to squadron meetings and makes three out of four.



FLIGHT TRAINING

London C/Lt. Donald McFadden Gets The Feel Of An Aircraft



PREFLIGHT ON  
Wilmington Cadet



# Squadrons Explain "How and Why"

**The Administration Officer:** Working closely with operations officer has provided one of the best file systems available and supports every overnight trip put on by the squadron.

3) Competitive spirit of cadets, not only in CAP, but in everyday life. They keep their own records on squadron workdays, their contracts must be kept current and their school marks up. They must be totally active to be eligible for the "goodies" — the various field trips and encampments, the rifle team, orientation flights (I try to make these flights at least 1-2 hours in length). They know that if there has to be a choice of who goes and who stays, the choice is made from the top. All of this is coupled with the desire to be best in the Wing and the betterment of self outside of CAP. Several of my ex-cadets are community firemen, have gone on to get their pilot's license or are in military service or college making records for themselves. We keep in contact with most of them, and they with us, which seems to provide the commitment and competitive force necessary for proper advancement on their way to the future. Right now Wilmington Cadet Squadron has some of the best individuals any group has to offer.

What made our squadron? Total unselfish commitment and belief in ourselves for the good of all — not how much an individual can derive on a personal basis.



ORIENTATION  
Get Briefing



'TOYS FOR TOTS'

Cherokee Unit Provides Community Actions With Marines At Glenview Naval Air Station

## Cherokee Composite Squadron - No. 10 Illinois Wing

by Capt. Dolly R. Biela, CAP Squadron Commander

As commander of the Cherokee Composite Squadron, I'm pleased and proud that our squadron is in the "Top Ten."

To my squadron I say, "Well done. Now let's go for Number one!"

We do not have set rules or formulas with which to philosophize our emergence from a cadet flight to a composite squadron. The only ingredient that has emerged, is, that the squadron has worked as a team. To work as a "team" required hard work on everyone's part, from the cadet basic to the commander.

Recruiting is the mainstay of any organization. It is a key element in our squadron. How do you motivate cadets to recruit? I really don't know of any pat answer.

Perhaps, the fact that when a prospective cadet visits our squadron, one of the cadets is assigned to introduce him to the other members of the unit and thus enable him to evaluate the benefits of joining Cherokee and Civil Air Patrol thru a cadet's view point.

During his initial visit, I have a chat with him explaining the costs necessary to join and what he will receive in return. Next I relate what is to be expected of him.

For instance: a) Hair length regulations.

I have never experienced any problem in this area from a prospective cadet who wished to join CAP.

b) There is no desire on my

part to have names on my roster.

Upon joining they are told that attendance at meetings is required unless they have a legitimate excuse and notify the squadron.

c) Further, the greatest benefit to them is to take an active part in all CAP activities, be it squadron, group or wing.

d) As soon as possible a cadet is issued a uniform. This is very important.

e) We order "Curry Achievement" books in bulk orders, so we can have a new cadet under contract immediately. The issuance of

the uniform and Curry Books appears to be most important to help new cadets feel a part of CAP immediately.

f) Achievements are top priority and for a very good reason. I explain to the cadets the valuable knowledge that can be gained from the program. Also, that certain state of achievement requires that a cadet be at certain states of achievement to qualify. This helps motivate the cadets.

g) We plan activities, as many and as often as possible. The unit takes an active part in all wing, sector and group activities. There is also participation

with other groups and squadrons whenever possible. Last, but not least, are the squadron activities of various natures from a visit to Wright-Patterson AFB, Ohio to a visit to the Experimental Aircraft Association Museum in Hales Corner, Wisc. In between there was summer encampment and two weekends for a type "B" Encampment at Scott AFB, Ill. Keeping cadets busy with activities, keeps them interested.

Like the cadets, all our seniors are expected to take an active part. They are few, but very dedicated and versatile. Whenever something needs to be done, I can count on any senior to fill in where needed.

To summarize:

1) In recruiting cadets we offer them no special treatment or benefits.

2) The benefits of completing achievements are stressed.

3) When they deserve to be reprimanded, they are.

4) When they deserve to be praised, they get it.

5) All cadets are expected to participate in all activities unless excused.

6) Teamwork is stressed throughout. It is "Our" squadron and not "My" squadron. To be "Ninth runner up" depends on "Our" work and not "My" work.

7) The "Best Benefit" to me as squadron commander is the satisfaction of being a coordinator and guide to the cadets of Cherokee Squadron.



TYPE B ENCAMPMENT

Cherokee Cadets Conduct First Aid Training During SAR Exercise





**ADMIRE WORK** — Two members of Pittsburgh Group 60 (Pennsylvania Wing) admire one of the billboards designed and distributed throughout the Pittsburgh area as part of its 1974 recruiting campaign. Looking at the sign are Maj. Vernon Decker (left), Group 60 commander and WO Hellen A. Zeppenfeld, billboard designer and group information officer.

## Hanley's Bars Turn To Stripes

INDIANAPOLIS, Ind. — Civil Air Patrol Chief Warrant Officer Mark A. Hanley will trade in his bars for the airman's stripe when he is sworn into the Air Force as part of the Indiana 500 Memorial Flight on May 25.

He took the first step on March 19 when he enlisted into the Air Force Reserve and was guaranteed assignment in the Security Police career field. The time between his recent enlistment in the reserves and May 25 will count toward longevity increases in pay.

A son of Mr. and Mrs. William R. Hanley of Valparaiso, Ind., Mark has been active in the Valparaiso Composite Squadron and has received the Gen. Billy Mitchell Award. It is because of this award, that he will enter the Air Force with his first stripe. It normally takes six months for promotion to airman.

When asked why he chose the Air Force, Airman Hanley

responded, "I've been involved in the Civil Air Patrol so long that a blue suit just seems to be second nature to me." Mark has attended CAP encampments at Chanute AFB, Ill., Grissom AFB, Ind., and Camp Atterbury, Ind., during his cadet career.

Although he has been guaranteed the Security Police career field, Mark intends to volunteer for para-rescue while attending basic training at Lackland AFB near San Antonio, Tex. He has been extremely active in Civil Air Patrol's search and rescue program and is currently serving the additional duty of Indiana Wing Land Rescue Team Evaluation Officer. He is deputy commander of the Valparaiso Squadron.

As a member of the Indiana 500 Memorial Flight, Airman Hanley will join 99 other young Hoosiers in representing their state in basic training. Before leaving the state, members of

the 500 Flight will be guests of honor at a banquet in Indianapolis, participate in the Indianapolis 500 Memorial Service and view the 500 Festival Parade as guests of the 500 Festival Committee. They will meet many of the celebrities who visit the Indianapolis 500.

The 20 year-old airman was enlisted into the 500 Flight by SSgt. Bill Hennings, the Valparaiso Air Force Recruiter. Mark commented, "Another reason I decided on the Air Force is that Sergeant Hennings didn't try to pull the wool over my eyes."

## Cadet Wears AFROTC Hat At Recent ROA Conference

COHOES, N.Y. — A member of the Albany Composite Squadron, Cadet Lt. Col. Kenneth P. Nagel, recently attended the mid-winter conference of the Reserve Officers Association in Washington, D.C.

Colonel Nagel was selected to represent the Air Force ROTC detachment at the Rensselaer Polytechnic Institute, Troy, N.Y., where he is a ROTC Cadet first lieutenant.

He was one of 200 ROTC cadets from all over the U.S. selected to attend the four day conference. During the conference they met and spoke with high pentagon and administration officials including Vice President Gerald Ford and U.S. Navy Adm. Thomas Moorer, chairman of the Joint Chiefs of Staff.

Their activities included taking part in a panel discussion on the future posture of the military and were given briefings by the Air Force on intelligence, the budget and reserve programs of the Air Force.

They were also briefed on what the Reserve Officers Association is and does.

## Fishing Attracts Hundreds

GRAND RAPIDS, Minn. — Several hundred people braved the cold recently to attend the second annual fishing contest sponsored by the Grand Rapids Composite Squadron on Big Splithand Lake.

Winners of the first, second and third largest fish prizes included Joni Ensberg and Clyde Sipes of Grand Rapids, first and second respectively, and Sigfred Iverson of Taconite.

Grand Prize winner of a \$1,000 Savings Bond was Bernadine Richardson of Warba, Minn.

The highlight of the event was the crowning of the 1974 Fishing Contest Queen. Marlene Mann, a Civil Air Patrol cadet basic from the Grand Rapids unit was named queen. Debbie O'Brien and Chris Heavirland were the runner-ups.

## FAA Man Talks About Safety

WINSTON-SALEM, N.C. — The Winston-Salem and Twin Lakes Squadrons recently held a joint meeting featuring a guest from the Federal Aviation Administration (FAA).

Paul A. Justus, an accident prevention specialist spoke on the FAA's new bi-annual check flight requirements and the ramifications of the fuel shortage on the general aviation pilot. He especially stressed the need for pre-planning and allowing for extra fuel stops on trips.

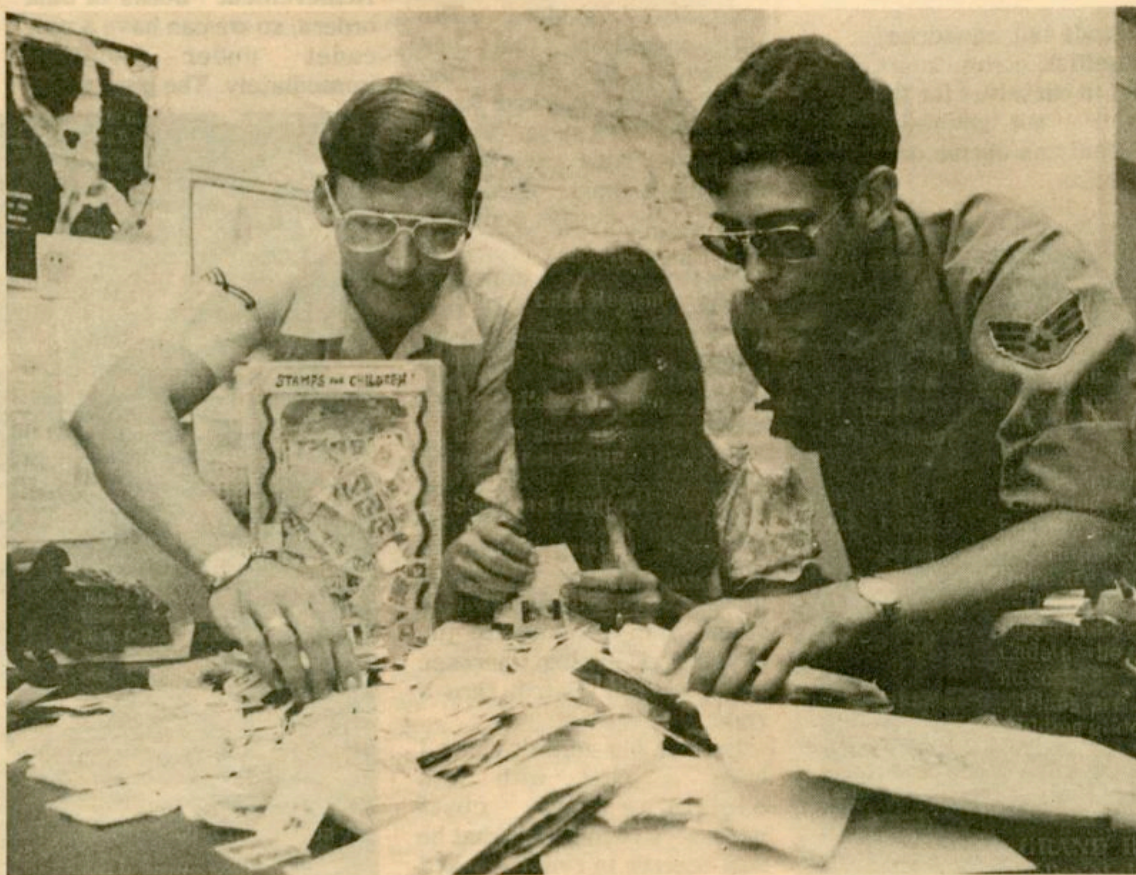
In addition, he urged the pilots not to attempt to stretch their fuel or use auto fuel in aircraft engines.

He also talked about using cruise control techniques for improving fuel efficiency.

## 17 Year-Old Solos In S.C.

COLUMBIA, S.C. — CAP Cadet 2d Lt. Jeffrey Fetner, deputy commander of cadets for the Metro-Columbia Cadet Squadron recently received his solo wings under the Civil Air Patrol scholarship program.

The 17-year-old cadet flew an American AA-1B aircraft during his solo.



**STAMPS FOR CHILDREN** — Mrs. Bumpen Suttisawat, with other members of the Nakhon Phanom Royal Thai AFB office of information, Sgt. Gary H. Lind, left, and Sgt. James Miller, begins sorting donations of stamps for children which were received from the CAP cadets of the Nassau Composite Squadron in Farmingdale, N.Y. The program is designed to provide a productive pastime for children in orphanages, hospitals and sanitariums. If you would like to help this international goodwill project, send your stamps to: U.S. Air Force, Stamps for Children, 56th Special Operations Wing/OI, APO San Francisco, 96310.

## That Special Feeling...

EAGLE ROCK, Calif. — The anxious moments as the to cable is hooked up... the excitement you feel when your glider leaps into the air... a song whistled by the wind as you soar aloft — and a different tune as you approach your landing. This is what the cadets from Long Beach Squadron 93 have found soaring to be all about.

Soaring, held at Los Alamitos Naval Air Station on weekends, has become a major activity for Squadron 93 cadets. As a result of this program, led by Maj. Garnet Sandeen, four cadets have soloed and more are working towards that end.

The program is open to all CAP squadrons in the area and is supported by the fund raising activities conducted by these squadrons. Cadets who take part in these activities are allowed flight training at no cost.

Plans are also in the works for holding a glider encampment and building gliders from kits.

## Squadron 'Appreciates' Dr.

GRAND RAPIDS, Minn. — Civil Air Patrol Capt. (Dr.) Donald Mueller of the Grand Rapids Composite Squadron recently received a certificate of appreciation for his outstanding support of CAP's cadet flying program.

Doctor Mueller gives an annual \$1,000 scholarship to be awarded and shared by two cadets of his squadron interested in flying. The scholarship is to be applied towards obtaining their private pilot's license.

Four cadets have completed flight training as a result of this scholarship. Col. John T. Johnson, commander of the Minnesota Wing presented the certificate.



# Lt. Col. Hedges = Dedication

NORTH HOLLYWOOD, Calif. — Dedication. That's the word used to describe CAP Lt. Col. Jane Hedges, emergency services coordinator for the California Wing.

In a recent feature article in The News of Van Nuys, Calif., she was referred to as a twinkly, bouncy, hard working bundle of enthusiasm who can be firm and formal when occasion demands.

A former nurse in World War II, she has dedicated almost a lifetime of selfless service to her fellowman. For 18 years she has been associated with Civil Air Patrol and 31 years with both the American Red Cross and Civil Defense.

As the Civil Defense coordinator, her main function is with the county's hospital staffs, helping plan against disasters. She works with doctors, trains nurses in a special emergency program, has setup radiological monitoring stations and trained observers to recognize deadly gases. She has also been called upon to set up model medical first aid stations for the injured for the military.

Her experience and know-how is almost without bounds. Prior

to World War II she learned field operations nursing at Camp Roberts, Calif., on a simulated battlefield under fire of hand grenades, billowing smoke and explosions - even crawling under barbed wire to care for the "injured".

The training gained there was valuable during the war when she became a member of a Special Services Women's Ambulance and Defense Corps that met the wounded servicemen arriving from overseas.

Dr. Kenneth E. Mosier, representing the Executive Office of the President, Office of Emergency Preparedness, made a trip to California recently to observe a realistic, simulated earthquake disaster exercise at Sawtelle, Calif., which Colonel Hedges helped coordinate.



LT. COL. HEDGES

His visit was followed by a letter to her saying, he "was tremendously impressed by the seriousness of purpose, professional competence, discipline and plain hard work so abundantly demonstrated."

Colonel Hedges was recently honored by cadets of the California Wing with a presentation during the ABC-TV program "The Girl In My Life".

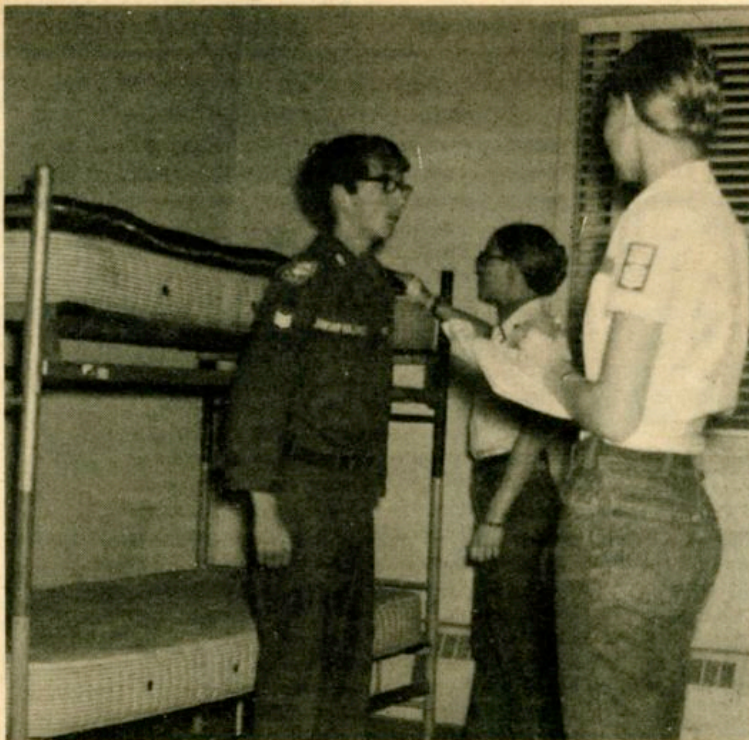
## 3 Day Outing Is Beneficial

SEATTLE Wash. — Sandpoint Cadet Squadron members recently took to the outdoors and conducted practical training during a three-day bivouac on Ames Lake.

Formerly a radio communications team, the unit is expanding their training to include mission base support, land search techniques, water survival, crash site surveillance and first aid.

During their recent outing, they conducted training in wilderness survival which included how to find and construct shelter in all types of weather and terrain, trapping food, locating water and edible plants, fire building, signalling and land navigation.

"Leadership training also plays an important part in the units training. We want to build a team capable of caring for themselves under any and all circumstances and be able to respond to any crisis," commented unit officials.



STANDING TALL — Cadet WO Kathy Hart, deputy commander (center) and First Sergeant Cindy Blohm conduct an inspection of Sgt. Brian Patterson's living quarters during the Billings Composite Squadron's recent encampment.

## Cadets Explain CAP On TV

STAUNTON, Va. — Three cadets from the Augusta Composite Squadron recently participated in a panel discussion carried over a local TV station in Staunton.

Cadets Capt. Denise Shipman, Lt. Robert Niess and Lt. Patricia Yancey explained CAP and its varied services to the community.

They also discussed some of the cadet programs, ranger team procedures and summer activities.

## Unit Holds Type-B 'Camp

BILLINGS, Mont. — Forty cadets and senior members from the Billings Composite Squadron recently hosted a four-day type B winter encampment at the Air Force's Detachment 1, 5th Fighter Interceptor Squadron, Billings, Mont.

Activities during the encampment included emergency first aid training, search and rescue, drill competition and moral leadership.

The final day of the encampment included a class and practice of survival techniques in the water.

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MEDICAL ATTENTION — Members of the Sandpoint Cadet Squadron practice first aid during a recent three day bivouac.

## Blood Arrives Via CAP Flights

ST. CLOUD, Minn. — The St. Cloud Squadron recently flew three blood flights from the St. Cloud area to St. Paul for the St. Paul Regional Blood Center.

These flights were flown by CAP Maj. Richard Christ of the St. Cloud Squadron and by CAP Maj. Al Baert, Civil Defense Coordinator for the Minnesota Wing.

## Cadets Assist Local Program

PARK FOREST, Ill. — Cadets from the Homewood-Floresmoor Composite Squadron recently made a move that assisted the area's ecology and increased their budget. They supported a recycling program at a local high school.

They loaded old newspapers on a truck, sorted glass by color and placed it into the proper recycling bins.

The funds they raised will go toward equipping their unit's vehicle with radios and purchasing other needed equipment.

## Cadet Mars Gets Solo Wings

PASCAGOULA, Miss — Cadet WO George Mars of the Singing River Composite Squadron recently earned his solo wings after five hours of flying time.

Mars has also earned the Billy Mitchell Award. In addition, he is a drill team commander and has earned awards for good conduct and personal appearance.

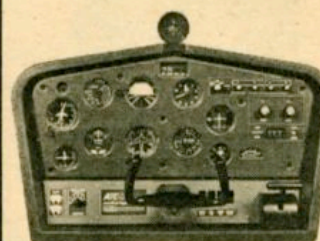
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# Preoccupation

by Maj. Clovis H. Breaux, CAP  
MER Director Of Safety

A pilots preoccupation is an insidious hazard. This is especially true for Civil Air Patrol crews because of their low and slow environment.

Preoccupation comes in many forms and often is not

## Red Cross Cites Iowans For Support

DES MOINES, Iowa — The squadron and cadet commanders of the Des Moines Composite Squadron were recently presented Central Iowa Chapter Certificates of Commendation in the American Red Cross Health and Safety Service Award Program.

CAP Lt. Col. Arthur W. Long, commander, received the certificate of commendation for educators for his outstanding leadership in strengthening school health and safety education programs and promoting school responsibility in meeting community health and safety needs.

Cadet Maj. Kevin A. Long, cadet commander, was presented the certificate of commendation for students for his outstanding leadership in health and safety practices and service in the school and community.

This is a national program of annual recognition of schools, students and educators and is administered through the local Red Cross chapters.

Colonel Long presently heads the Health Service Department of the Des Moines Technical High School and is advisor for the city's Technical High School Vocational Industrial Clubs of America.

## Hard Work Earns Letter For Squadron

MANCHESTER, Conn. — The Manchester Composite Squadron recently received a letter of commendation from the Connecticut Army National Guard's First Battalion 169th Infantry for their assistance during an ice storm. The storm left the city of Manchester without power due to heavy accumulation of ice on trees and wires, causing the citizens of the city to take temporary shelter in public buildings.

The squadron, in cooperation with the First Battalion, spent five days in the Manchester Armory doing various chores from washing and sweeping floors to cooking and serving food.

The letter read in part... "Your actions reflected the high moral attitude and successful training of the Civil Air Patrol... your parents and officers in the CAP can be justly proud of you and the great impact you made, by way of public relations with the public, on the many people who were the recipients of your indefatigable efforts."

recognizable by fellow crewmembers. Some examples are: worrying about a sick child; thinking about an argument with the wife; daydreaming about the upcoming vacation; unnecessary critiques or debriefings in flight; conflicting traffic; distractions caused by equipment malfunctions, such as excessive radio chatter, etc.

Recently, a Cessna 172 flying in a night traffic pattern crashed into a hill, killing all aboard. The board hypothesized that the pattern was extended to allow for separation from conflicting traffic on final approach. The pattern may also have been extended to allow for more time to complete checklists

for a planned radar surveillance approach.

Whatever the reason for the extended pattern, the accident report brought out the possibility of pilot preoccupation with the approach and the distraction of conflicting traffic. Unfortunately, we will never know what the pilot or observer was thinking at the time of the accident, but the conditions for aircrew preoccupation were present!

Preoccupation affects crew coordination, procedures, judgement and pilot attention. Have you ever overshot a heading or altitude because you were busy on the radio? Flying an aircraft and performing inflight aircrew duties required your full attention. Let that attention lapse for only a moment and you are jeopardizing the safety of the aircraft and crew.

Keep yourself physically and mentally fit to accomplish your job in a safe, efficient manner. Don't let distractions or preoccupation divert your attention from your primary flight responsibilities. If you feel the saturation factor building up, stop what you're doing and get back to the basics of flying the airplane.

Be ready to apply what the first instructions in all manuals say — anytime you're flying, nothing substitutes for sound judgement.

## Publishers Issue 1974 Catalog

FALLBROOK, Calif. — A new 1974 catalog of aviation books has just been issued by Aero Publishers, Inc.

The 26 page catalog describes and illustrates over 200 aviation books including 6 new titles of 1974. All phases of aviation are covered. Besides a complete line of pilot training and reference manuals, there are books on famous military and civil airplanes, World War I and II aviation, antique aircraft, racing planes and spaceflight.

Copies of the catalog are available free of charge from Aero Publishers, Inc., Fallbrook, Calif. 92028.



LADIES, ALL—Wisconsin Wing's Group 12 all-female composite land rescue team gets some cold weather training during a recent SAR practice mission. The team composed of 12 females is led by Senior Commander CAP Capt. Betty Janzer. Their training and duties are the same as other wing certified land rescue teams. The team has earned 52 sorties in 15 missions in the past and helped the wing earn the Unit Citation Award.



BEST IN LOGISTICS — Col. Ivey M. Cook Jr., (right), commander of the North Carolina Wing accepts the Logistics Award for 1973 from Brig. Gen. Leslie J. Westberg, USAF, national commander during the March meeting of the National Executive Committee at Maxwell AFB, Ala. The North Carolina wing was judged the best in CAP in the logistics areas for 1973. Col. Joseph Ferrara, commander of the Nevada Wing, accepted the award for his wing, which was selected as the runner-up.

## Local Optimist Club Honored

SCOTT AFB, Ill. — The Downtown Optimist Club of Belleville, Ill., was presented a Civil Air Patrol "Public Service Citation" at a recent Optimist Club luncheon.

Air Force Capt. Terry N. Taylor, the deputy commander of the Clinton-Scott Squadron presented the award to William R. Keel, president of the Optimist Club, for their outstanding support of CAP. The Downtown Optimist currently sponsors the Clinton-Scott unit and have been doing so for the past seven years.

## ANG Graduates 18 Cadets

COLUMBIA, S.C. — Eighteen cadets from the South Carolina Wing recently graduated from the Wing's first Civil Air Patrol-National Guard cadet leadership school which was held at the McEntire Air National Guard Base near here.

Cadet 2d Lt. Jeffrey Fetner of the Metro-Columbia Squadron was selected as the honor graduate of the school.

## Teachers Get 'Sky' Briefing

MINNEAPOLIS, Minn. — A group of teachers from Minnesota's Aviation Aerospace Education Association recently participated in the "Classroom in the Sky" sponsored by the Air Force.

The teachers were flown to Colorado Springs, Colo., where they received a tour of the North American Air Defense Command's (NORAD) installation at Cheyenne Mountain.

Their activities also included a tour of the Air Force Academy.

## Soustek Solos After 14 Hrs.

MUSCLE SHOALS, Ala. — After 14 hours of flight training, Cadet Capt. Sherrie Soustek recently soloed in a single engine Cessna 150.

Sherrie, a member of the Muscle Shoals Composite Squadron credits her solo performance, "To the benefits derived from being a CAP cadet."

She is presently an art major at Florence State University and plans to continue flying and to earn her private pilot's license.

## Army Reserves Sponsor CAP Unit

DANBURY, Conn. — The commander of the U.S. Army Reserve 399th Civil Affairs Group, Lt. Col. Raymond G. Cushing, recently announced his organization's sponsorship of the Danbury Composite Squadron.

The Group will provide support of the CAP Squadron on a volunteer basis in the areas of personnel and military expertise.

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**LADY AVIATOR** — Cadet Col. Theresa Rice of the Morgantown Cadet Squadron (West Virginia Wing), recently soloed in a Cherokee 140. Theresa has been active in CAP for six years and became the first cadet from Morgantown to be selected for solo training.

## CAP Honors Army Support

OLYMPIA, Wash. — The commander of the U.S. Army's 1st Signal Group at Fort Lewis, Wash., Col. Charles N. Childers, was recently presented a Civil Air Patrol certificate of appreciation for his organization's support of CAP.

CAP 1st Lt. Michael S. Arnold, commander of the Olympia Composite Squadron made the presentation. Lieutenant Arnold is assigned to the 1st Signal Group and serves as a helicopter pilot.

He requested and received permission from the Group to give cadets orientation flights in an Army OH-58 Bell Jet Ranger helicopter. To this date some 175 Washington Wing cadets have received rides in the copter.



**RESCUE SUPPORT PACKAGE** — Lt. Col. Merle E. Norem, USAF, shows his invention, the "signal panel" packaged and ready to be dropped to someone in distress. (USAF Photo by Amn. John Homer)

# USAF Liaison Officer Devises Signal Panels For Emergencies

ALBUQUERQUE, N.M. — "I had been on only a few search and rescue missions after being assigned to Civil Air Patrol at Kirtland AFB, N.M., when I came to the conclusion that there must be a better way to help those lost and injured people on the ground."

Air Force Lt. Col. Merle E. Norem, New Mexico Wing's liaison officer, made this statement recently and went to work solving the problem by inventing a new type of aid

for the lost or injured he calls a "signal panel."

The signal panel, which is dropped from a CAP search aircraft consists of a 7½ square foot piece of yellow plastic material sewed on all four sides to a piece of red flannel the same size.

When it is spread out on the ground with the red flannel on top it means "situation is critical". If one corner is turned in towards the center (yellow plastic side next to the ground) the message is "need gas and oil." If all four corners are turned in it means "need medical attention." These are three of 12 messages that may be relayed through the use of the panel.

A search pilot responds by rolling his aircraft back and fourth to answer "message received and understood." The pilot will make a right hand circle and return if "message received but not understood."

In the past, lost or injured people have written messages by marking them in the snow or by using brush and parts of trees. But these materials may not be available and, too, maybe the person on the ground is injured and not able to move very far.

Colonel Norem decided a signal panel of some sort was the answer, and "It had to be a simple device as the victims are almost always in a state of shock to some degree."

"I chose plastic and flannel for the panel because they are inexpensive for one thing," Colonel Norem

explained. "Also, the plastic would be ideal to place next to the ground in case of dampness and the flannel would give a person warmth in case he wanted to use it for a shelter after he had signaled his message. As for the colors, yellow and red show up very well."

A plastic bag is used to contain the panel tied with a strong cord. Four streamers, two inches wide and two feet long, are sewed to the plastic cover at one end to give the package a smoother and more stable flight after it has been thrown from the aircraft.

Included in the bundle are written instructions and pictures showing how to use the panel for signaling and how to make a shelter afterwards.

Colonel Norem says the package can be thrown with extreme accuracy - to within 10 or 15 feet of the person on the ground.

"We fly our single engine propeller-driven plane at a low altitude at 100 miles an hour," he explained, "very much like a final approach to landing. As the intended impact point disappears under the nose of the aircraft the signal panel is thrown."

Complete signal panel kits including instruction sheets may be purchased for \$5 each. Checks should be made payable to the "New Mexico Wing CAP - Signal Panel Project." Allow at least four weeks for delivery, kits will be mailed COD. Mail orders to: USAF CAP LO/Stop 56, Signal Panel Order, Kirtland AFB, NM 87117.

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Medical Expense	500	1,000	1,500	2,000	2,500

#### Annual Cost

	Non-Pilot	Pilot
1 Unit	\$10.00	\$20.00
2 Units	\$20.00	\$40.00
3 Units	\$30.00	\$60.00
4 Units	\$40.00	\$80.00
5 Units	\$50.00	\$100.00

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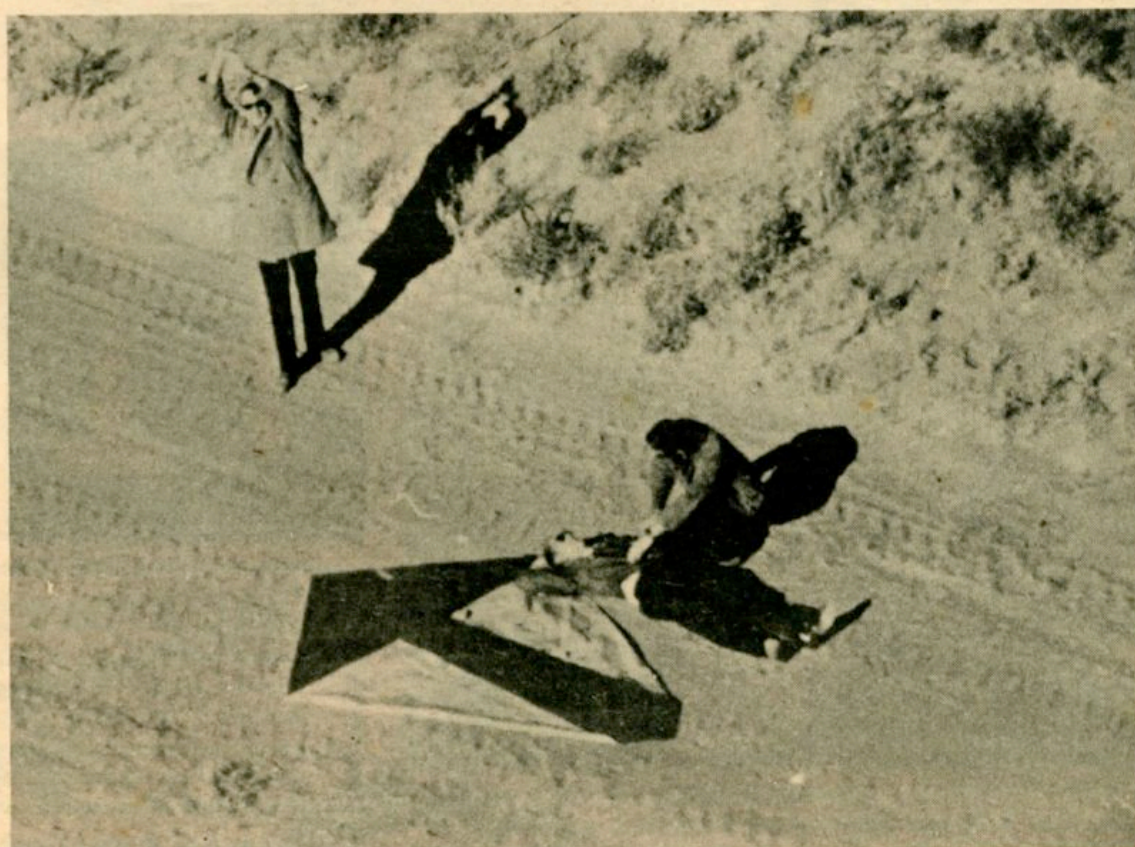
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**HELP NEEDED** — The yellow and red "signal panel" is easy to spot from the air in order to identify the needs of those on-the-ground. The signal being relayed in this photo is OK to land, arrow shows landing direction.





**HONORARY MEMBERSHIP** — Colorado's Governor John Vanderhoff receives an honorary membership in Civil Air Patrol from CAP Col. Thomas G. Patton, commander of the Colorado Wing. The presentation was made recently in a ceremony in the Governor's office.

## Father, 'Twins' Join Squadron

BOYERTON, Pa. — Instructors of the Gen. Carl A. Spaatz Squadron of Boyertown are "seeing double" since twin boys joined the squadron along with their father.

Thomas A. and Robert W. Manley joined the cadet aerospace education class recently and their father, William B. Manley Sr., decided

to contribute his services to the unit's instructor staff.

Mr. Manley is no stranger to the aerospace field. He is employed at a General Electric Space Center. He has worked on projects of space exploration conducted by the National Aeronautics and Space Administration, such as the Orbiting Astronomical

Observatory, the Mariner Mars Spacecraft, the Nimbus weather satellites, the first and second Earth Resources satellites, the Snap 27 atomic generators left on the moon by Apollo crews and more recently, the Viking '75 which will provide additional research on Mars.

Mr. Manley previously served with the Strategic Air Command and was stationed at Barksdale AFB, La.

The Manleys also have an older son, William Jr., who is a member of the Lehigh University Senior Squadron 804.



**SEEING DOUBLE** — Two new members of Pennsylvania's Gen. Carl A. Spaatz Squadron are Thomas A. and Robert W. Manley. Their father, William B. Manley Sr., (seated), will serve as an instructor in the squadron. Also pictured is Air Force Reserve SSgt. Robert B. Kerr Sr., (standing), another instructor with the unit.

## Packet Costs Increase

MAXWELL AFB, Ala. — With the recent increase in postal rates coupled with overall paper, labor, and inflationary costs it has become necessary to adjust the fee for the shipment of cadet achievement packets. The basic price of achievement packets has not been changed but the accompanying figures reflect the additional fee required for the special shipment of the cadet achievement packets.

### FEE FOR SPECIAL SHIPMENT OF CADET PACKETS

#### PACKETS NO. 2, 4, 6, 10, 12, 13, and 15

UPS and Postal Service add \$0.50. (See Note 1 below.)

#### PACKETS NO. 5, 9, and 14

UPS add \$0.50. (See Note 1 below.)  
Postal Service add \$0.75.

#### PACKETS NO. 3, 7, and 8

UPS add \$0.60. (See Note 1 below.)  
Postal Service add \$1.50.

#### PACKETS NO. 11

UPS add \$0.75. (See Note 1 below.)  
Postal Service add \$2.00.

#### NOTES:

1. Regular UPS is not available to the following:
 

1. Arizona	4. Hawaii	7. Nevada	10. Utah
2. Alaska	5. Idaho	8. Oregon	11. Washington
3. California	6. Montana	9. Puerto Rico	
2. On shipments by United Parcel Service do not use post office boxes. All shipments by UPS must be signed for by someone at the address given on the mailing label. They must also include a telephone number on the address label so that delivery instructions may be obtained if needed. Please keep these facts in mind when determining how you want your packet shipped.

## 22 Learn Correct Procedure

YORK, Pa. — At a recent meeting of the York Composite Squadron 301, 22 members were instructed in the correct procedure of Cardiopulmonary resuscitation.

The class was given by CAP Lt. John L. Warsing, a qualified Heart Association CPR instructor. In addition, all personnel viewed movies, slides and actual CPR being administered.

## Unit Holds Field Exercise

SANTA MONICA, Calif. — A field exercise was recently conducted at Thorne Meadows in the Angeles Crest Forest by CAP's Squadron Nine for their new members.

The exercise was held to acquaint them with techniques and field practice in mountaineering, mountain safety and rescue.

Also, a demonstration on first aid techniques in dealing with mountain disasters was conducted.

## 13 Tour Air Force Museum

MORGANTOWN, W. Va. — Thirteen members of the Morgantown Cadet Squadron recently traveled to Wright-Patterson AFB, Ohio for a two day visit.

There they toured the base and visited some of the recreation facilities. Their second day was spent visiting the Air Force Museum.

The 14-hour trip was broken up with rest stops and classes on customs and courtesies and communications.

## Beveridge 'Best' In Unit

AUGUSTA Ga. — Cadet TSgt. Albert H. Beveridge has been named the Augusta Composite Squadron's outstanding cadet for 1973.

Beveridge was presented the award by Georgia State Senator R. Eugene Holley during the squadron's recent annual awards banquet.

## Cadet Among Area's Honored

LAKE CHARLES, La. — Cadet Keith Courville of Lake Charles Composite Squadron was one of a number of outstanding area military men honored by the Lake Charles Armed Forces Committee recently.

The annual recognition is based on nominations made by military groups here and at Ft. Polk, La.

Cadet Courville has been in Civil Air Patrol for five years and is the cadet commander of his unit. He is presently a senior at the St. Louis High School.

# +1

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## Cadet Directorate Answers Questions

**PROBLEM:** I attended an encampment last summer. Last month when I sent contract no 7 to National Headquarters to qualify for my Mitchell Award they said I didn't have an encampment and therefore didn't qualify for my Mitchell. I did go. Why didn't I get credit? I think that this last minute notification is unfair. It has caused a lot of confusion and delay. Can something be done to help?

**SOLUTION:** Your problem is one that quite a few cadets run into unnecessarily. Each month units receive a monthly membership listing, that shows which requirements are credited to cadets in the unit. You should be able to tell from this whether or not you received credit. Many cadets fail to receive credit because they are incorrectly listed on CAP Form 7. Incorrect serial numbers and unit charter numbers are the main problem, but many items are received with no serial number or that list "PENDING". This will not credit the cadet. It is up to the squadron to review the listing and submit a correction should any cadet fail to receive credit.

**PROBLEM:** I am ready to take the Aerospace Education Exam and anxious to get my Mitchell Award. My squadron commander requested the exam, but the request was returned by National Headquarters who said that our squadron was on "HOLD" and nobody here can

take the test. What is "HOLD" and how can we get out of it? My progress has stopped and I want to get going again.

**SOLUTION:** Units in CAP that are on "HOLD" status are denied participation in the Centralized Testing Program. All test packages are assigned control numbers and suspense dates. Tests not returned or otherwise accounted for to National Headquarters/EDAE by the suspense date will cause units to be denied testing privileges until the test is accounted for. To be removed from this "HOLD" status the unit should return the test in question. If this is impossible due to the loss or destruction of the test, the squadron commander should notify National Headquarters/EDAE by letter, explain the situation and request reinstatement of testing privileges for his unit.

**PROBLEM:** Now that the item on cadet achievement contracts has been deleted from the National Commander's Evaluation System, are cadets still required to complete three contracts per year?

**SOLUTION:** As stated in CAPM 50-16, paragraph 9-1, the cadet program assumes that the average time required to properly complete the 15 achievements is five years, or three contracts per year. Although this is no longer on the NCES, three contracts per year per cadet is still the participation goal.

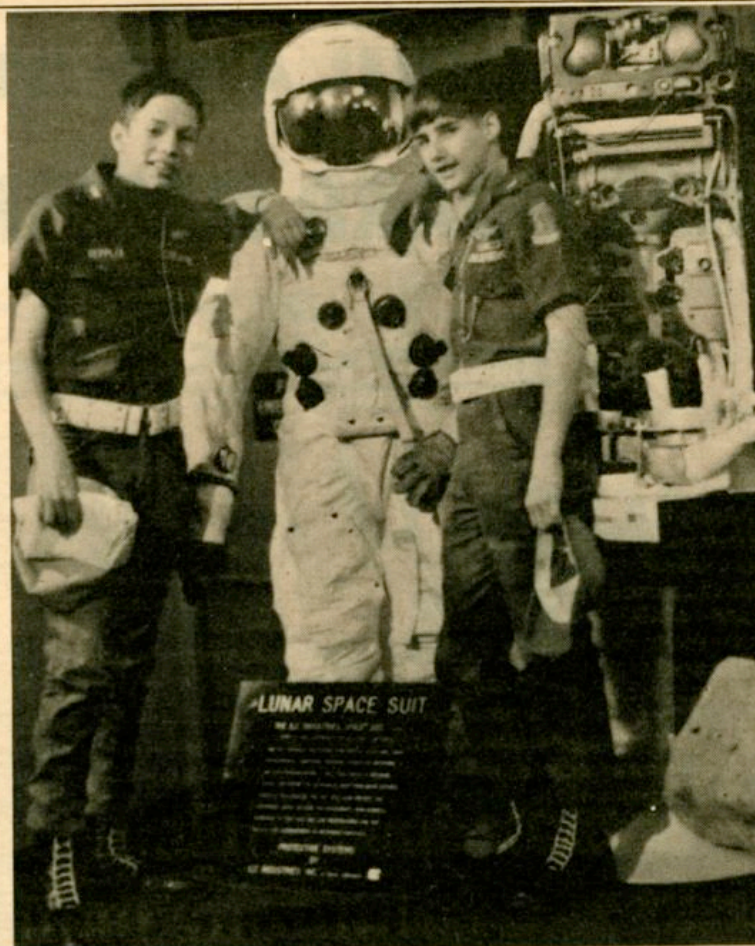
**PROBLEM:** Our wing is planning a leadership school for cadet NCOs this summer. Can it be credited as a type B encampment?

**SOLUTION:** If the school's curriculum includes the minimum requirements for a type B encampment (CAPM 50-16, figure 14-2), encampment credit can be given. If this instruction can be arranged, it could be to your wing's advantage to do so.

**PROBLEM:** Is it true that the 1505 uniform is no longer authorized for male cadets?

**SOLUTION:** No. Effective 1 June, the required uniform will be the 1550/1549 combination, however, the 1505 uniform will still be authorized for optional wear.

**CAP BOOTH —** Cadet 2nd Lt. Kathy Howar of Birmingham's Composite Squadron 34 talks Aerospace Education with a local teacher during the annual meeting of Alabama's Education Association held in Birmingham, Ala., recently. The Alabama Wing rented the booth during the meeting. Cadets staffed it and passed out CAP material concerning the three workshops to be held for teachers in the state this summer. They also handed out membership blanks for the Aerospace Education Association.



**HIGHLIGHT —** A visit to the Cape Canaveral Space Center was one of the highlights of the recent tour made by Pennsylvania's Penn. State University Squadron 1303. Here Cadets TSgt. David Beppler and Sgt. Mark Stevens pose by a Lunar Space Suit, similar to those used by U.S. astronauts.

## CADET AWARDS

### EARHART AWARDS MARCH 1974

Edward L. Brieler	01005
Kenneth R. Higdon	01024
Stanley W. Bazzell	01024
Michael R. Meyers	01024
John A. Mayer	02036
Mark R. Weaver	02036
Mike A. Connolly	02070
David S. Kaswan	04051
David S. Niekerk	04269
Jesus G. Ochoa	04292
Edwin L. Gossert	05107
Damian J. Zolik	07006
Sandra S. Rees	08423
Peter Gottschalk	11228
Patricia A. Barnes	12079
Donald R. McFadden	15007
James R. Wilhoit	15007
Marcia E. Porter	17035
Robert M. Grant	19012
John J. Carroll	19012
Robin R. Miles	19043
Karen M. Slate	19065
Lionel D. Jenkins	20145
Steven A. Deininger	20145
Frank D. Lubosch	20237
Michael J. Pintamo	20238
David L. Bradley	26055
Glen E. Peting	32048
Richard J. Judy, Jr.	34197
Danny D. West	35008
Robert J. Mattes	37003
James D. Durso	37066
Kevin F. Beaudin	38010
Keith D. Keller	39009
Mark E. Herrlinger	39009
Jeffery D. Osmer	39061
William E. Bodie, Jr.	39064
Christina B. Collins	42098
Paul H. Dolman	45064

Gregory G. Riggs	46018	David D. Weise	21044
Silas C. Fore	47013	Mike A. Mello	25054
Joseph D. Langdon	47056	Michael E. Hall	26002
Richard L. Wahlgren	48095	Raymond J. Adams	26002
Dale H. Rooney	50028	Joseph M. Adamchak	29067
Simeon L. Manginsay	51031	Gary D. Grant	29067
Elsa Y. Fuentes	52060	William J. Harlicka	29092
Carlos D. Torres	52068	Paul B. Bolwahn	30049
Eric R. Hernandez	52079	Peter A. Epstein	31033
Nelson Aviles	52097	Carol J. Steckenrider	32048
Awilda Gonzalez	52097	Timothy M. Good	32111
<b>MITCHELL AWARDS</b>			
<b>MARCH 1974</b>			
Timothy J. Rourke	02036	Bruce Thompson	37015
Bruce C. Macke	03034	David S. Washington	37044
Kevin L. Duffy	04116	Thomas J. Marsden	37049
Dennis J. Lau	04116	Stanley J. James	39057
Ronald E. Wolfley	04185	Jerry A. George	39064
Jeff D. Bright	04333	Joel R. Treis	40018
Mark J. Withrow	04381	S. Craig Davis	42023
Ronald H. Rives	05098	Gary W. Teston	42098
John T. Przybylowski	06012	James L. Stover	42179
Diane M. Blucher	067071	Megann Streeter	43047
Ted Y. Fisher	07006	Cheryl L. McNeill	43047
Wayne P. Morris	07010	Bryan D.A.W. Cadoo	46018
David W. Weber, Jr.	07015	William E. Carlson	48149
James W. Goodale	08159	Michael W. Street	49002
Gregg A. Reed	09002	James J. Hanlon	50023
Mike Reed	09045	Harold A. Vallee	50028
Tim D. Averett	09045	David A. Lavoie	51030
Richard J. Szyperski	09084	Carmen J. Perez	52079
Steven E. Ackerman	11172	Grace Hernandez	52090
Patrick M. Donahue	13043	Roberto Rodriguez	52090
Helena J. Christopher	16017	Evelyn Rodriguez	52090
William E. Hackett, Jr.	17034	Luis E. Roldan	52090
Randal J. Turner	18003	Frank Latorre	52090
David L. Cosgrave	18003	Gerardina Santana	52090
Mark Snair	18023	Luis Lebron	52090
Jerry A. Mullins	19012	Norma I. Velez	52090
C. M. Ruksnaitis	19022	Edwin Hernandez	52090
F. W. Beaudreau, Jr.	19046	Maria A. Diaz	52090
Steven F. Levesque	19054	Justo Ortiz	52090
Daniel M. Bredvold	21044		



## Fla. Trip: Fun-Filled Adventure

STATE COLLEGE, Pa. — Several members of the Penn. State University Composite Squadron 1303 recently travelled to Florida where they toured the Cape Canaveral Space Center — spent a day at Disney World—and watched their hometown team play in the Orange Bowl.

Travelling in the squadron bus, a Volkswagen Camper and a Winnebago motor home, the group spent seven days making the 3,000 mile trip.

The trip was climaxed when they saw their team, the Penn State Nittany Lions beat the Louisiana State University Tigers in the Orange Bowl.

Except for the stay at Patrick AFB, the group used their vehicles for sleeping and got their meals at stops along the way. They used radios to keep in contact with each other and checked in on CAP radio nets along the way.

## Hat Device Now Available

As stated in "CAP Directorate Answers Questions", April issue of CAP NEWS, the cadet officer's hat device for the male service cap and female beret is now available from the bookstore.

As shown in the art work below, it is a very attractive emblem and was designed and modified from the cadet shoulder board insignia. This device is to be worn by cadet warrant officer through cadet colonel.



Cadets are requested to order these new devices as soon as possible, using a standard bookstore order form. Price of the new hat device is \$2.50 for either the male or female. When ordering the males use catalog order no. 0748F and the females use catalog order no 0748G.

Note for male officers: The flight cap grade insignia will be worn as shown in CAPM 39-1.

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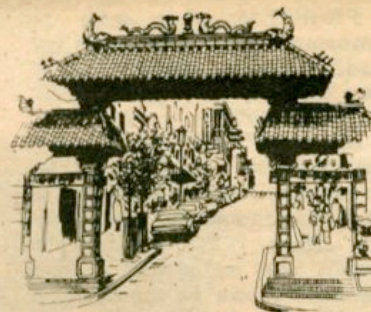
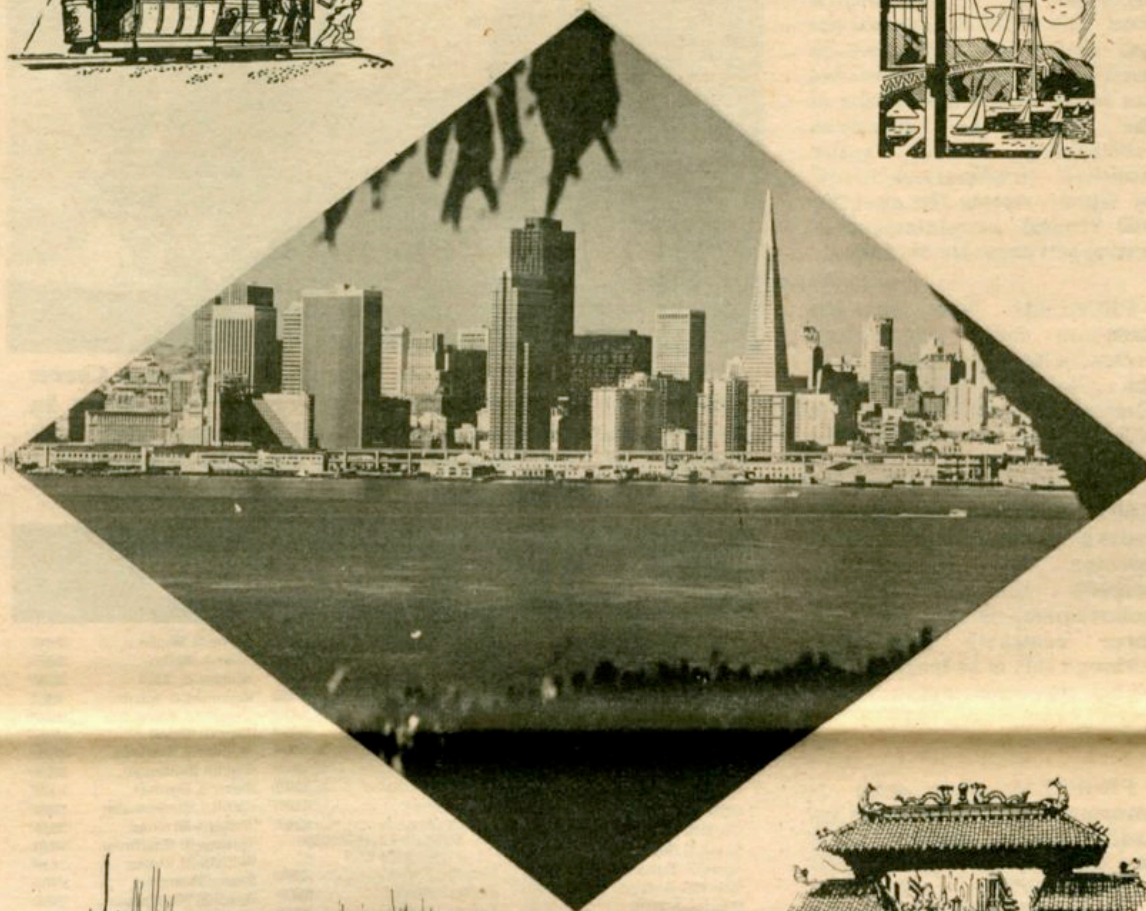
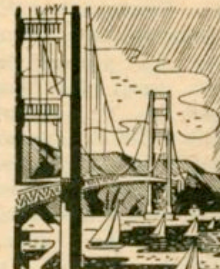
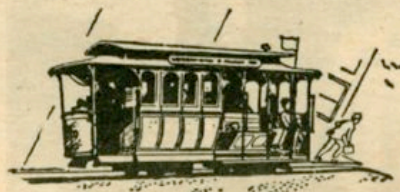


# CIVIL AIR PATROL NATIONAL BOARD MEETING/CONVENTION

San Francisco, Calif.—Sept. 20-21

## COMMITTEE MEETINGS:

- Senior Training Seminar
- National Aerospace Education Advisory Committee
- Information Officer Conference
- Reserve Seminar
- Communications Seminar



## COMMITTEE MEETINGS:

- Logistics Seminar
- CAP Cadet Program
- Aerospace Education Members
- Chaplain's Committee
- Operations/ Emergency Services/ Safety Seminar

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Company \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

\*Reservations subject to cancellation after 6 P.M. unless held by a deposit or guarantee of payment.

☐ Please hold room on a payment guaranteed basis. If the reservation is not honored on the day of arrival the room will be billed for one night and then the reservation will be cancelled.

Please reserve accommodations as checked below:

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	SINGLE	DOUBLE	TWIN		DOUBLE	TWIN
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Deluxe	\$25 <input type="checkbox"/>	\$35 <input type="checkbox"/>	\$35 <input type="checkbox"/>	\$25 <input type="checkbox"/>	\$35 <input type="checkbox"/>	\$35 <input type="checkbox"/>
SUITES						
	\$65 - 90 <input type="checkbox"/>			\$95 <input type="checkbox"/>		
	\$100-110 <input type="checkbox"/>			\$110-120 <input type="checkbox"/>		
	\$250-400 <input type="checkbox"/>			\$250-500 <input type="checkbox"/>		

All sleeping room accommodations are subject to 6% city tax. If a room at the rate requested is unavailable, one at the nearest available rate will be reserved.

Reservation requests must be received 30 days prior to commencement of convention. Requests received after 30 day cut-off confirmed subject to availability.

FORM 33 - SP





# Aerospace Education-The Third Mission

When Civil Air Patrol was chartered on July 1, 1946, by Public Law 476, the congressional mandate stated that one of the missions of CAP was "To provide aviation (aerospace) education and training, especially to its senior and cadet members; and to provide an organization to encourage and aid American citizens in the contribution of their efforts, services, and resources in the development of aviation and in the maintenance of air supremacy."

The farsighted individuals who framed the constitution of CAP recognized that aviation, both civil and military, would play an increasingly important role in the future. Further, they realized that in a democracy the citizenry ultimately determines the government's role in aerospace and that an informed citizenry is vital to a strong national aerospace education.

The CAP aerospace education effort is based on a two-pronged approach; an internal program for its cadet and senior membership, and an external program for the general public.

The internal program involves a comprehensive aerospace education curriculum as a requirement for all CAP cadets. This curriculum provides a general understanding of the broad scope and the social, political, and economic impact of aerospace on our world. More than

600,000 young American men and women have passed through the CAP cadet program in the last 28 years and have taken their place in society as informed, involved, aerospace-minded citizens. In addition, all CAP senior members must complete an aerospace education requirement as part of their Level I training.

The external aerospace education program of Civil Air Patrol provides materials and services to the education community at all levels, kindergarten through college. Among the most significant of the external programs are the CAP coordinated school elective program, the CAP college workshop program and the CAP sponsorship of the National Congress on Aerospace Education.

More than 1500 junior and senior

high schools in our nation are currently teaching an aerospace education elective course using materials developed by Civil Air Patrol. In addition to the texts, student workbooks and instructor guides used in these courses, CAP also provides a complete course syllabus and audio-visual materials. It is estimated that about 75,000 students a year are introduced to the aerospace world using these materials.

One of the most important contributions Civil Air Patrol makes to aerospace education is in the area of teacher training. Each year there are between 150 and 200 workshops conducted in various colleges and universities which are supported by CAP and the U.S. Air Force. These workshops run from two to four weeks, and provide the attendees, mostly elementary

teachers, with the background necessary to teach aerospace education in their schools. A complete listing of the 1974 teacher workshops is included in the center section of this special edition.

Each year Civil Air Patrol co-sponsors the National Congress on Aerospace Education which is the only national level aerospace education meeting conducted in our nation. This meeting brings the leaders of government, industry and education together with the aerospace education teachers to share the latest aerospace developments and teaching methods. The other three co-sponsors of this Congress are The Federal Aviation Administration, The National Aeronautics and Space Administration, and The National Aerospace Education Association.

The Civil Air Patrol has a long and a proud record of service to our nation. Countless thousands of victims of natural disasters and hundreds of downed pilots have been assisted by our dedicated members. Although not as well known nor widely publicized as the emergency services mission, the aerospace education of our citizenry provided by CAP is equally as important because, for the past three decades, it has worked to insure that the United States maintains its position of world leadership in aerospace.

## SPECIAL EDITION



# CIVIL AIR PATROL NEWS



# 1974 Civil Air Patrol Aerospace Educ

STATE	NAME OF SCHOOL	LOCATION & ZIP	DIRECTOR	DATES	STATE	NAME OF SCHOOL
GREAT LAKES REGION					CA	Stanislaus State College
IN	Marion County	Indianapolis 46208	Edward A. Cushman	22 Apr. - 3 May	CA	University of Redlands
IN	Indiana State University	Terre Haute 46381	Dr. Elmer S. Ciancone	22 Jul. - 9 Aug	CA	Fresno State University
KY	Great Lakes Region	Louisville 40200	Lt. Ann Anson, CAP	18 May	CA	Sonoma State College
KY	Pleasure Ridge Park High School	Pleasure Ridge Park 40258	Lt. Col. Donald F. King	2-8 June	HI	Hawaii AE Assn.
KY	Western Kentucky University	Louisville 40200	Dr. Robert L. Stevenson		HI	Hawaii State Dept. Education
KY	Western Kentucky University	Bowling Green 42101	Dr. Robert L. Stevenson		HI	University of Hawaii
KY	Union College	Barbourville 40906	Dr. John Boyd	24 Jun - 4 Jul.	NV	University of Nevada
KY	Union College	Barbourville 40906	Dr. John Boyd	9-19 Jul	NV	University of Nevada
MI	Michigan State University	East Lansing 48823	Dr. Cal Collier	29 Jul-9 Aug.	NV	University of Nevada
OH	Kent State University	Cleveland 44135	Dr. Peder A. Otterson	17 Jun-28 Jun		
OH	Miami University	Oxford 45056	James T. Ziegler	17 Jun - 20 Jul.		
OH	Miami University	Oxford 45056	James T. Ziegler	17 Jun. - 20 Jul.		
WI	North High School	Menomonee Falls 53501	Maj. James Meinburg	24-30 Mar		
WI	Custer High School	Milwaukee 53200	L. Col. George W. Hendeson	14-20 Apr.		
WI	St. Joseph's High School	Kenosha 53140	Capt. George T. McTernan	2-8 Jun.		
WI	Undetermined	Green Bay 54300	LCol. James J. Sorenson	7-13 Jun.		
WI	Stout State University	Menomonie 54751	Dr. Philip Ruehl			
WI	Great Lakes Region	Oshkosh 54901	Wesley R. Kimball	4-7 Aug.		
WI	University of Wisconsin	River Falls 54022	Larry Hapke	22 Jul. - 9 Aug.		
MIDDLE EAST REGION					OR	Rogue Community College
DE	Delaware Tech & Community College	Dover 19901	Wayne N. Dabson	Jun. 74	OR	Portland State University
MD	Towson State College	Baltimore 21204	Dr. Louis Cox	Jul 74	OR	Linfield College
MD	Prince Georges County Public School System	Upper Marlboro 20870	William Laslo	Ea. Thur, 14 Feb. to 11 Apr.	OR	Southern Oregon College
				11-22 Feb.	OR	Central Oregon Community
MD	Frederick Community College	Frederick 21701	Dennis A. Hawkes	Jul. 74	OR	Mt. Hood Community College
DC	Smithsonian Institute (Docents)	Washington, DC 20560	John Bingham		WA	Washington Aerospace Assn
DC	Washington Technical Institute	Washington National Airport, Wash DC	Harlan Melvin		WA	Washington Aerospace Assn
					WA	Central Washington State U
					WA	Central Washington State U
					WA	Gonzaga University
					WA	Central Washington State
					WA	St. Martins College
					WA	Puyallup Public Schools
NC	East Carolina University	Greenville 27401	Dr. Douglas Jones	15-26 Jul.		
NC	West Carolina University	Cullowhee 28723	Dr. Paul Flynn	Jul 74.	NY	City College of New York
NC	Technical Institute of Alamance	Burlington 27215	Dr. Miles L. Eckard	7-18 Jan.	NY	C. W. Post at Marist College
NC	Davidson County Community College	Lexington 27292	Lacy Ballard	4-15 Mar.	NY	Canisius College
NC	Technical Institute of Alamance	Burlington 27215	Dr. Miles L. Eckard	15-26 Apr.	NY	Oswego (State Univ. of Nev
NC	Davidson County Community College	Lexington 27292	Lacy Ballard	Oct. 74	NY	Herbert Lehman College
NC	Gaston College	Dallas 28034	Dr. Mike Latta	22-Apr. 3 May	NY	St. John Fisher College
NC	Gaston College	Dallas 28034	Dr. Mike Latta	Oct 74	NY	Eastchester Public Schools
NC	Halifax County Technical Inst.	Weldon 27890	George Starling	4-15 Feb.	NJ	Seton Hall University
NC	College of the Albemarle	Elizabeth City 27909	Pat Harrell	Nov. 74	PA	Indiana (Univ. of Pennsylv
NC	Wayne Community College	Goldsboro 27530	Dr. Charles Poindexter	Dec. 74	PA	Lock Haven State College
NC	Surry Community College	Dobson 27017	Claude V. Ayres	Sept. 74	PA	Millerville State College
NC	Sandhills Community College	Southern Pines 28387	Dr. D.L. Furches	6-17 May	PA	Temple University (Amble
NC	Nash Technical Institute	Rocky Mount 27801	Dr. Jack Ballard	18-25 Mar.		
SC	University of South Carolina	Columbia 29208	John F. Barry	June 74		
VA	Virginia Commonwealth Univ.	Richmond 23220	Mrs. Esther Fagan	Ea. Mon, Jan-May 74	CO	Adams State College
VA	Virginia Commonwealth Univ.	Richmond 23220	Mrs. Esther Fagan	Ea. Wed, Jan-May 74	CO	Adams State College (Hink
VA	Virginia Commonwealth Univ.	Richmond 23220	Mrs. Esther Fagan	Jun 74	CO	University of Northern Colo
VA	University of Virginia	Charlottesville	Gordon Higgins	Jul 74	CO	Western State College
VA	Virginia Commonwealth Univ.	Richmond 23220	Mrs. Esther Fagan	Ea. Mon. Sept. 74 thru Jan 75	CO	Adams State, Metro State, Hinkley H.S., AFA, CAP
NORTH CENTRAL REGION					ID	Boise State College
IA	University of Northern Iowa	Cedar Rapids	Dr. Duane Gimmel	8 Jul - 2 Aug.	ID	Idaho State University
IA	Morningside College	Sioux City 51106	Dr. Sterling Stewart	10-28 Jun.	ID	Lewis and Clark College
IA	Morningside College	Sioux City 51106	Dr. Sterling Stewart	15 Jul. - 2 Aug.	ID	Northern Idaho College
IA	Simpson College	Indianola 50125	Dr. Donald Koontz	1-10 Aug.	ID	College of So. Idaho
IA	University of Dubuque	Dubuque 52001	Dr. Robert Ryder	10-21 Jun	ID	Southern Idaho College
KS	University of Kansas	Lawrence 66044	Dr. Ammon Andes	10-28 Jun.	MT	Montana State University
KS	Washburn University	Topeka 66621	Dr. R.W. Oldham	3-21 Jun	MT	Montana College of Mineral Science & Technology
KS	Kansas State University	Manhattan 66502	Dr. Floyd Price	1-19 Jul	UT	Weber State College
KS	Kansas State T. College	Emporia 66801	Dr. William Edwards	14-Jul-2 Aug.	UT	Utah State University
KS	Kansas State College	Pittsburg 66762	Dr. George Hudiburg	22 Jul. - 2 Aug.		
KS	Colby College	Colby 67701	Dr. Jim Krider	15-Jul. - 2 Aug.		
KS	Washburn University	Topeka 66621	Dr. R.W. Oldham	3-21 Jun.		
MN	Mankato State College	Mankato 56001	Dr. Sanford Schuster	17-22 Jun.	AL	Auburn University
MN	University of Minnesota	Minneapolis 55455	Ollie Kaldahl	17-28 Jun.		
MN	Bemidji State College	Bemidji 56601	Dr. Duane Sea	1-12 Jul.	AL	University of South Alabam
MN	Moorhead State College	Moorhead 56560	Dr. Walter Vollmers	16 Jul. - 16 Aug.	AL	Samford University
MN	Winona State College	Winona 55987	Dr. Hugh Capron	11-26 Jun.	AL	Samford University
MN	Mankato State College	Mankato 56001	Dr. Sanford Schuster	14-16 Feb.	FL	University of South Florida
MN	University of Minnesota	Minneapolis 55455	Dr. Helmut Heinrich	1 Apr. - 10 Jun.	FL	Florida Inst. of Technology
MO	Central Missouri State College	Warrensburg 64093	Dr. John Horine	8-19 Jul.	FL	Santa Fe Community College
NE	Wayne State College	Wayne 68787	Dr. Lionel Moore	10-28 Jun (PM)	GA	Berry College
NE	Wayne State College	Wayne 68787	Dr. Lionel Moore	10-28 Jun (AM)	GA	Columbus College
NE	Wayne State College	Wayne 68787	Dr. Lionel Moore	8-30 Jul (PM)		
NE	Wayne State College	Wayne 68787	Dr. Lionel Moore	8-30 Jul (AM)	GA	Georgia Southern College
NE	University of Nebraska	Lincoln 68508	Dr. Frank Sorenson	10 Jun - 12 Jul	GA	Georgia State College
NE	University of Nebraska	Lincoln 68508	Dr. Frank Sorenson	13-16 Mar	GA	Valdosta State College
NE	Peru State College	Peru 68421	Dr. Frederick Hamann	7-26 Jul.	GA	West Georgia State College
NE	Midland College	Fremont 68025	Dr. Maynard Traeder	7 Feb. - 23 May	MS	University of Southern Miss
ND	Dickinson State College	Dickinson 58601	Dr. Dale Zieman	30 May - 11 Jun	TN	Memphis State University
ND	Valley City College	Valley City 58072	Dr. Charles Walker	3-14 Jun	TN	Trevacca Nazarene College
SD	SD School of Mines & Technology	Rapid City 57701	Dr. Lester Snyder	1-13 Jul.	TN	Middle Tennessee State Uni
SD	Dakota State College	Madison 57042	Dr. Zeno VanErdewyk	17-28 Jun.	TN	Middle Tennessee State Uni
SD	Univ. of South Dakota	Vermillion 57069	Dr. Raymond Dillon	3-8 Jun.	PR	University of Puerto Rico
PACIFIC REGION					AZ	Arizona State University
AK	University of Alaska	Anchorage 99504	Dr. Roland Stickney	August	AZ	University of Arizona
CA	California AE Association	San Jose	Ted Misenhimer	9 Feb.	LA	Louisiana Tech University
CA	College of San Mateo	San Mateo 94402	Ken Hubbard	10 Jan. - 7 Mar	LA	Northeast Louisiana Univer
CA	Shasta County Schools	Redding 96001	Dr. John Morgan	6 Feb.	LA	Northeast Louisiana Univer
CA	Sonoma State College	Hamilton AFB 94934	Charles Rhinehardt	9-16 Mar.	LA	Northwestern State Univer
CA	Chico State University	Chico 95926	Dr. Blaine Bounous	23-30 Mar	LA	of Louisiana
CA	Calif Aerospace Education Assoc.	Walnut 91789	Stewart Angle	26-28 Apr.	LA	Northwestern State Univer
CA	Mt. San Antonio College				LA	of Louisiana
CA	Chico State University	Chico 95926	Dr. Blaine Bounous	10-14 Jun.	LA	University of Southwestern
CA	Palomar College	San Marcos 92069	Dr. Kent Backart	17-25 Jun.	LA	Louisiana
CA	Holy Names College	Oakland 94619	Sister Alice Tobriner	15-19 Jul.		
CA	Los Angeles State University	Los Angeles 90032	Dr. L. Rogers Liddle	24 Jun - 5 Jul.	NM	University of Albuquerque
CA	Pepperdine University	Los Angeles 90044	Dr. R. Carl Shaner	8-26 Jul.	OK	Central State University
CA	San Jose State University	San Jose 95113	Garth Hull	8 -26 Jul.	TX	East Texas State University
CA	San Jose State University	Santa Cruz 95060	William Lovvorn	5 -16 Aug.	TX	Southwest State Texas Univ
CA	Los Angeles Valley College	Van Nuys 91401	Ralph Williams and Patricia Sullivan	8 -27 Aug.	TX	Stephen F. Austin State Uni
					TX	Dallas Ind. School District



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Redlands 92373  
Fresno 93704  
Rohnert Park 94928  
Hilo 96720

Honolulu 96822  
Reno 89507  
Reno 89507  
Reno 89507

Las Vegas 89109  
Reno 89507

Grants Pass 97526  
Portland 97207  
McMinville 97129  
Ashland 97520  
Bend 97701  
Portland 97207  
Puyallup 98371  
Redmond 98052  
Yakima 98901  
Yakima 98901  
Kennewick 99336  
Spokane 99201  
Seattle 98109  
Olympia 98501  
Puyallup 98371

## NORTHEAST REGION

NYC 10031  
Poughkeepsie 12601  
Buffalo 14208  
Oswego 13126  
Bronx 10468  
Rochester 14618  
Eastchester 10707  
South Orange 07079  
Indiana 15701  
Lock Haven 17745  
Millersville 17551  
Philadelphia 19122

## ROCKY MOUNTAIN REGION

Lowry AFB 80230  
Aurora 80010  
Greeley 80631  
Gunnison 81230  
Lowry AFB 80230

Boise 83725  
Pocatello 83201  
Lewiston 83501  
Coeur d'Alene 83814  
Twin Falls 83301  
Twin Falls 83301  
Bozeman 59715  
Butte 59701

Ogden 84403  
Logan 84321

## SOUTHEAST REGION

Auburn 36839

Mobile 36608  
Birmingham 35209  
Birmingham 35209  
Tampa 33618  
Melbourne 32901  
Gainesville 32601  
Rome 30161  
Columbus 31907

Statesboro 30458  
Atlanta 30303  
Valdosta 31601  
Carrollton 30117  
Hattiesburg 39401  
Memphis 38111  
Nashville 37210  
Murfreesboro 37130  
Murfreesboro 37130  
Murfreesboro 37130  
Hato Rey 00901

## SOUTHWEST REGION

Tempe 85281  
Tucson 85721  
Ruston 71270  
Monroe 71201  
Monroe 71201  
Natchitoches 71457

Natchitoches 71457

Lafayette 70501

Albuquerque 87120  
Edmond 73034  
Commerce 79603  
San Marcos 78666  
Nacogdoches 75961  
Dallas 75210

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Dr. W. Farrin Hoover

Dr. W. N. Spreadbury, Jr.  
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## DATES

17 Jun. - 5 Jul.  
3-15 Jun.

5-23 Aug.  
16 Feb.

24 Jun - 26 Jul  
19 Feb.  
20 Feb.  
16 Feb - 11 Jun

10-28 Jun  
18-20 Oct.

11 Apr - 8 Jun  
14-16 May  
29 Jul - 9 Aug  
12 - 23 Aug  
12-23 Aug  
17-28 Jun  
15 Mar  
29 Mar  
19-20 Apr  
17-28 Jun  
17-28 Jun  
24 Jun - 5 Jul  
8-23 Jul  
15-26 Jul.  
16-20 Apr

3-14 Jun  
15 July-2 Aug  
15-26 Jul  
22 Jul-2 Aug.  
8-26 Jul  
22 Jul-9 Aug  
24 Jun-5 Jul  
1-18 Jul  
4-21 Jun  
24 Jun-2 Aug.  
22 Jul - 30 Aug.  
12-30 Aug.

10-28 Jun  
Jan-May

1-12 Jul  
15-26 Jul.  
11 Jan

8-18 Jul  
8-18 Jul  
8-18 Jul  
8-18 Jul  
3-7 Jun  
Jan-May  
24 Jun-12 Jul  
17 Jun - 5 Jul

10-14 Jun  
10-14 Jun

7 Jan-8 Mar  
(Repeat Quarterly)  
17 Jun - 12 Jul  
3-21 Jun  
29 Jul - 2 Aug  
17 Jun - 5 Jul  
22 Jul - 9 Aug  
17-28 Jun  
22 Jul-9 Aug.  
7 Jan - 8 Mar  
(Repeat Quarterly)  
24 Jul - 13 Aug  
14-31 Oct  
10-28 Jun  
22 Jul - 7 Aug  
10-21 Jun  
24 Jun - 12 July  
8-19 Jul  
10 Jun - 5 Jul  
10 Jun - 5 Jul  
15 Jul - 3 Aug  
15 Jun - 20 Jul

3 Jun-5 Jul

16 Jul - 3 Aug  
3-20 Jun  
21 Jun-12 Jul.  
3-21 Jun.

24 June-12 July

3-21 June

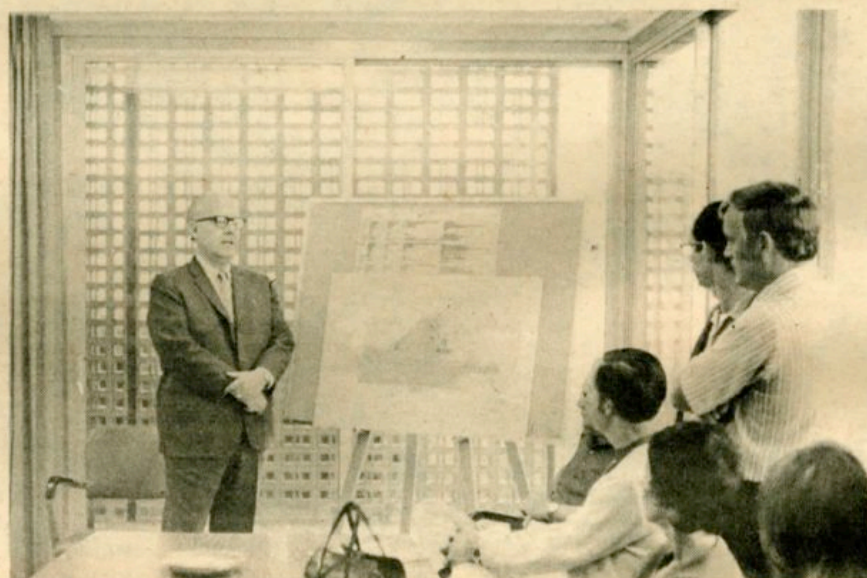
10-21 Jun.  
10-14 Jun

3 Jun-9 Jul

2, 9, 16, 23 Mar



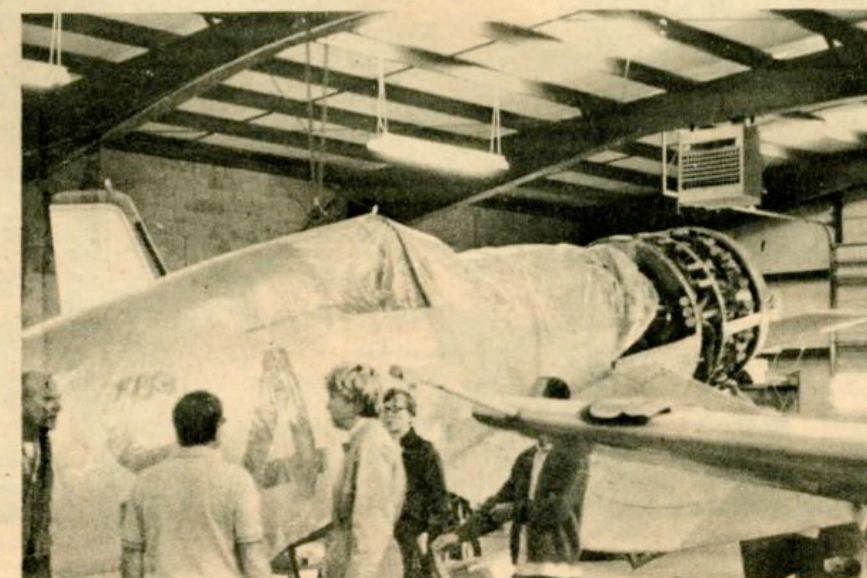
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# 1974 National Congress...



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